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## Registration in the international prospective register of systematic reviews (PROSPERO) of systematic review protocols was associated with increased review quality

Sideri, Sofia ; Papageorgiou, Spyridon N ; Eliades, Theodore

**Abstract:** **OBJECTIVES:** A priori registration of systematic review protocols in international prospective register of systematic reviews (PROSPERO) can help reduce selective reporting of outcomes. The aim of this study was to assess the association between registration of orthodontic systematic reviews in PROSPERO and review quality with the Assessment of Multiple Systematic Reviews (AMSTAR) tool. **STUDY DESIGN AND SETTING:** Seven databases were searched for systematic reviews with/without meta-analysis in orthodontics published between 2012 and 2016. After duplicate study selection and data extraction, the quality of identified reviews was assessed in duplicate with the AMSTAR tool. Descriptive statistics of medians and interquartile ranges (IQRs) and chi-square/Fisher exact tests were calculated. Univariable/multivariable linear regression modeling was implemented to assess the effect of review registration on %AMSTAR score at of 5%. **RESULTS:** A total of 182 orthodontic systematic reviews were identified, 37 (20.3%) of which were registered. Considerable differences were seen in AMSTAR between registered (median = 86.4%; IQR = 77.3-95.5%) and nonregistered reviews (median = 72.7%; IQR = 59.1-81.8%). After adjustment, registration in PROSPERO was associated with an average increase in %AMSTAR score of 6.6% (95% confidence interval = 1.0-12.3%). **CONCLUSION:** Although only a small percentage of orthodontic systematic reviews was registered a priori in PROSPERO, registered reviews were of higher quality than nonregistered reviews.

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**Registration in the international prospective register of systematic reviews (PROSPERO) of systematic review protocols was associated with increased review quality**

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Short title: Impact of systematic review registration on quality

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## Abstract

**Objectives:** *A priori* registration of systematic review protocols in International prospective register of systematic reviews (PROSPERO) can help reduce selective reporting of outcomes. Aim of this study was to assess the association between registration of orthodontic systematic reviews in PROSPERO and review quality with the Assessment of Multiple Systematic Reviews (AMSTAR) tool.

**Study Design and Setting:** Seven databases were searched for systematic reviews with/without meta-analysis in orthodontics published between 2012-2016. After duplicate study selection and data extraction, the quality of identified reviews was assessed in duplicate with the AMSTAR tool. Descriptive statistics of medians and Interquartile Ranges (IQR) and chi-square/Fisher exact tests were calculated. Uni-/multivariable linear regression modelling was implemented to assess the effect of review registration on %AMSTAR score at  $\alpha$  of 5%.

**Results:** A total of 182 orthodontic systematic reviews were identified, 37 (20.3%) of which were registered. Considerable differences were seen in AMSTAR between registered (median=86.4%; IQR=77.3-95.5%) and non-registered reviews (median=72.7%; IQR=59.1-81.8%). After adjustment, registration in PROSPERO was associated with an average increase in % AMSTAR score of 6.6% (95% confidence interval=1.0-12.3%).

**Conclusions:** Although only a small percentage of orthodontic systematic reviews was registered *a priori* in PROSPERO, registered reviews were of higher quality than non-registered reviews.

**Keywords:** systematic review; meta-analysis; orthodontics; quality; evidence based dentistry

# Manuscript

## 1. Introduction

Systematic reviews provide a platform for the critical appraisal and synthesis of the totality of clinical evidence pertaining to a specific research question, thereby enabling the formulation of informed clinical recommendations [1] and the guidance of future research. The main strengths of systematic reviews are founded in the use of pre-defined, transparent, and reproducible methods pertaining to selection, extraction, appraisal, and synthesis. However, several types of bias have been documented in various phases of the scientific research procedure [2] and systematic reviews are likewise susceptible to many of them.

Outcome reporting bias is a form of bias occurring, when the choice of outcome reporting is influenced by the outcomes' results, with the scale usually leaning towards studies with statistically significant or 'attractive' results [3]. Outcome reporting bias might exist in clinical trials with multiple measured outcomes, especially if these have not been transparently pre-specified in the trial's protocol [4,5]. Likewise, a comparison between *a priori* protocols of systematic reviews and the subsequent published reports found considerable discrepancies between them, which increased the likelihood of reporting statistically significant outcomes [6-9]. Therefore, this was interpreted as signs of outcome reporting bias in systematic reviews.

A priori registration of systematic review protocols enables the reader to check for any outcome reporting bias by comparing the outcomes between the protocol and final published article [6-9]. Furthermore, a large number of systematic reviews seem to have overlap in terms of eligible interventions, settings, and types of studies [10]—something that is deemed as unnecessary duplication or research waste and can be theoretically prevented by the a priori registration of the systematic reviews' protocol in an openly accessible receptacle [11-13].

The idea of protocol registration was first disseminated in the Preferred Reporting Items for Systematic Review and Meta-Analysis (PRISMA) statement in 2009 [14]. Following this publication, the United Kingdom Centre for Reviews and Dissemination developed and launched the international prospective register of systematic reviews (PROSPERO) in 2011. The aim of this registry and statement

was to minimize reporting bias through transparency in the review process and to potentially reduce unplanned duplication of reviews [11]. Although the uptake of PROSPERO by systematic review authors has been increasing the last years and more than 24 000 review protocols have been registered up to July 2017, the effect of PROSPERO registration on the quality of subsequent review publications has been only slightly assessed.

The recent study of Tsujimoto et al. [15] assessed the PROSPERO registration rate of systematic reviews published in high-impact medical journals and indicated that only 21% of them had their protocols registered, but could not find any evidence of outcome reporting bias or any association with PROSPERO registration and citation of the reporting guidelines for systematic reviews. However, no data specific to the field of orthodontics was provided, while the inclusion of only high-impact journals might provide an overly optimistic image of protocol registration, due to considerable differences of systematic review quality according to journal characteristics [16,17]. Finally, the study of Tsujimoto et al [15] confined its analyses to the identification of predictors for review registration, but did not actually appraise the quality of the published systematic reviews. To evaluate the quality of systematic reviews, several tools have been suggested, with one of the most widely-accepted ones being the Assessment of Multiple Systematic Reviews (AMSTAR) tool, which incorporates an 11-item checklist [18]. Therefore, aim of the current study was to investigate to which extent registration a priori in PROSPERO of systematic reviews in orthodontics has an effect on the review quality and the null hypothesis was that there is no difference in the average AMSTAR score between registered and non-registered systematic reviews in orthodontics.

## **2. Materials and methods**

Electronic search strategies were developed and executed on January 2017 to identify systematic reviews relevant to orthodontics without restrictions for publication language or publication status in MEDLINE (via PubMed), Cochrane Database of Systematic Reviews, Cochrane Database of Abstracts of Reviews of Effects, Embase, Scopus, Web of Science, and Virtual Health Library (including Bibliografia Brasileira de Odontologia and LILACS) (Appendix 1). As the PROSPERO register was

launched in February 2011, we allowed one year for dissemination of the register and included systematic reviews from 2012 and on. Eligible for this study were orthodontic systematic reviews with or without meta-analysis that were either registered in PROSPERO according to their publication text or were non-registered and had been published at any kind of scientific journal. We defined as systematic review any publication that termed itself as such and used a systematic approach to identify, select, and appraise studies in order to answer a research question. As Cochrane Reviews are consistently registered during the protocol stage, they were excluded from the present study. Additionally, narrative reviews, clinical, or *in vitro* studies were excluded. Identified reports were screened sequentially by title, abstract, and full text to check for eligibility. Extra material included as online appendix in the original articles was acquired, when needed.

Data to be collected were defined *a priori* from pilot searching of the literature and discussion among the authors, based on previous reports [16,17]. Epidemiological characteristics were based on the corresponding author of each article including country, continent, and clinical setting (i.e. university or another setting). Additionally, data were extracted on publication year, number of authors, involvement of a statistician/epidemiologist, inclusion of multiple centers, funding, publication journal, and on whether the systematic review was registered in PROSPERO. The results pertaining to the registration rate of orthodontic systematic reviews and possible predictors for registration have been previously reported [19].

Quality assessment of included systematic reviews was conducted using the 11-item AMSTAR tool [18]. Each of the 11 items (Appendix 2) was assessed using a four-point scale: “Yes”, “Partly”, “No”, and “Not applicable”. “Partly” was used in case of partly fulfillment of an item. For example, the fifth item, “A list of included and excluded studies should be provided”, was scored as “Partly” if either the included or the excluded studies were listed in the publication. Items that might be possibly “not applicable” were excluded from the maximum scoring capability of each systematic review. Summary scores were extracted by giving one point for each “Yes” and half a point for each “Partly” (instead of just giving only one point for each “Yes”) in an attempt to maximize data output and are reported as percentages from the maximum points each review could get.

Finally, we investigated if PROSPERO registration was associated with specific review characteristics pertaining to the completeness of the systematic review procedures, like involvement of a statistician or epidemiologist, reporting of the PRISMA statement in the review text, use of the Grading of Recommendations Assessment, Development and Evaluation (GRADE) approach, inclusion of a flowdiagram showing identification of studies for the review, inclusion of only randomized trials, and inclusion of quantitative data synthesis (meta-analysis).

All study procedures were conducted by two authors (SS, SNP) with any disagreements resolved by a third author (TE). The two scoring authors (SS, SNP) were calibrated prior to the actual procedures in three sets of 50 papers at a time, until over 90% agreement was seen. Finally, a random set of 50 papers was checked afterwards for consistency from both authors.

For the statistical analysis, initially descriptive statistics were calculated as absolute and relative frequencies for categorical outcomes and medians and Interquartile Ranges (IQR) for continuous outcomes, after appropriate normality testing. Crude differences in the fulfillment of each AMSTAR item or in review methodological traits between registered / non-registered reviews were investigated with chi-square/ Fisher exact tests, as appropriate. Radar plots were constructed to depict the % proportion of included systematic reviews that fulfilled fully or partly each of the 11 AMSTAR items. Crude differences in the average %AMSTAR score between registered / non-registered reviews were investigated with Mann-Whitney tests. Furthermore, generalized linear models were used to evaluate the association between registration in PROSPERO and %AMSTAR score. Assumptions of linear regression were checked including graphical and statistical tests for homoscedasticity of residuals, multicollinearity of predictors, and model misspecification (Appendix 3). Results were expressed as unstandardized regression coefficients and the corresponding 95% Confidence Intervals (CI). First, bivariable models were constructed for each characteristic. Afterwards, all characteristics with  $P < 0.2$  [20] in the bivariable model, we entered in a multivariable model to calculate net change in %AMSTAR attributed to registration in PROSPERO after adjusting for confounding. Additionally, differences in the proportion of reviews fulfilling partly or completely each separate AMSTAR criterion were assessed with univariable/multivariable logistic

regression and reported as Odd Ratios (OR). All analyses were performed in Stata version 14 (StataCorp LP, College Station, TX) with a two-tailed  $P < 0.05$  considered as significant.

### 3. Results

The electronic search yielded initially a total of 2 141 citations, from which 1 176 citations remained for screening after de-duplication (Fig. 1; Appendix 4). After applying the eligibility criteria, a total of 182 systematic reviews were finally included, which were published between 2012 and 2016 (Table 1).

The included systematic reviews originated from at least four different continents (Table 1) and 34 different countries, with the most prolific countries being Brazil ( $n=27$ ; 14.8%), China ( $n=24$ ; 13.2%), Italy ( $n=18$ ; 9.9%), and United Kingdom ( $n=12$ ; 6.6%). The most prolific continent was Europe ( $n=79$ ; 43.4%) and Asia ( $n=50$ ; 27.5%). From these 182 systematic reviews, the majority had a university affiliation ( $n=170$ ; 93.4%), included four to six authors ( $n=103$ ; 56.6%), and included more than one research centers ( $n=101$ ; 55.5%). On the other hand, only few systematic reviews included a statistician/epidemiologist ( $n=26$ ; 14.3%) or received funding ( $n=41$ ; 22.5%). The included systematic reviews were mostly published in orthodontic specialty journals ( $n=94$ ; 51.7%), followed by general dentistry journals ( $n=58$ ; 31.9%), and non-dental journals ( $n=30$ ; 16.5%). Finally, the identified systematic reviews included between 0 and 377 primary studies (median of 12 studies per review; interquartile range of 7 to 24 studies per review). Out of the 182 identified systematic reviews, only 37 systematic reviews (20.3%) were registered in PROSPERO (Table 1).

Assessment of systematic review quality with the AMSTAR tool indicated that considerable variation was seen in the fulfillment of the 11 items of the tool between registered and non-registered reviews (Table 2; Fig. 2). Significant improvements for registered reviews compared to non-registered ones in terms of partial or complete fulfillment were seen for item 1 (“*Was an 'a priori' design provided?*”; 97.3% to 28.1%, respectively), item 4 (“*Was the status of publication used as an inclusion criterion?*”; 75.8% to 61.4%, respectively), item 7 (“*Was the scientific quality of the included studies assessed and documented?*”; 100% to 84.8%, respectively), item 8 (“*Was the scientific quality of the included studies used appropriately*



*in formulating conclusions?”*; 100% to 82.1%, respectively), and item 10 (“*Was the likelihood of publication bias assessed?*”; 64.9% to 41.4%, respectively).

The measured cumulative absolute AMSTAR score across all included reviews (median=6.5; IQR=6.5-9.5) was expressed as % percentage of the maximum score (median=77.3%; IQR=59.1-86.4%) for the present study. The cumulative %AMSTAR score for each systematic review varied considerably between registered (n=37; median=86.4%; IQR=77.3-95.5%) and non-registered reviews (n=145; median=72.7%; IQR=59.1-81.8%;  $P<0.001$ ). The results of the bivariable and multivariable regression analyses for the effect of registration in PROSPERO on the quality of systematic review can be seen in Table 3. Apart from the factor of PROSPERO registration that was forcibly entered into both models, the bivariable analyses indicated publication year, statistician involvement, multicentered review collaboration, citation of PRISMA guidelines, reporting of a flowdiagram, use of the GRADE approach, meta-analysis, and journal type as possible confounders (Appendix 5), which were entered in the multivariable model. Based on this adjusted model, PROSPERO registration was associated with a net increase in %AMSTAR score by 6.6% (95% CI=1.0 to 12.3%;  $P=0.02$ ). Furthermore, increased %AMSTAR scores were associated with involvement of a statistician in the review team (net increase of 6.6%), journal category (increase of 5.3% for reviews published in dental specialty compared to general dental journals), PRISMA citation (net increase of 6.2%), use of the GRADE approach (net increase of 11.8%), inclusion of a flowdiagram (net increase of 11.7%), and inclusion of meta-analyses (net increase of 9.2%). On the other side, the number of included studies seemed to have an inversely proportional relationship with %AMSTAR score (with a net decrease of 7.5% for reviews including >30 studies compared to ones including <10 studies).

Additionally, we investigated if PROSPERO registration was associated with specific characteristics pertaining to the completeness of the systematic review procedures (Table 4). Compared to non-registered reviews, registered reviews were more likely to cite the PRISMA guidelines (78.4% versus 51.0%), to use the GRADE approach (40.5% versus 17.9%), to include a flowdiagram (100.0% versus 89.0%), and to perform meta-analysis (75.78% versus 55.9%).

Finally, on the basis of each AMSTAR item separately, PROSPERO registration was associated with increased odds of fulfilling at least partly item 1 (“*Was an 'a priori' design provided?*”) and item 10 (“*Was the likelihood of publication bias assessed?*”) (Appendix 6). After controlling for confounders (Appendix 7), only item an improvement in 1 remained associated with PROSPERO registration (Appendix 8). It must be here noted that item 3 (“*Was a comprehensive literature search performed?*”), item 5 (“*Was a list of included and excluded studies provided?*”), item 6 (“*Were the characteristics of the included studies provided?*”), item 7 (“*Was the scientific quality of the included studies assessed and documented?*”), and item 8 (“*Was the scientific quality of the included studies used appropriately in formulating conclusions?*”) could not be tested statistically, since item fulfillment was perfectly associated with registration.

#### **4. Discussion**

The present study assesses the association between a priori registration of orthodontic systematic review protocols in PROSPERO and the quality of the systematic reviews published between 2012-2016 according to the AMSTAR tool. The results suggest that registration in PROSPERO was associated with improvements in 5 out of the 11 AMSTAR items (Table 2) and a net increase in review quality of about 6.6% (95% CI=1.0-12.3%; Table 3). Additionally, registered reviews were more likely to cite PRISMA, use GRADE, include a flowdiagram, and to include meta-analytical synthesis compared to non-registered ones (Table 4).

To our knowledge, this is the first study to investigate the effect of *a priori* registration of systematic review protocols on the review quality of the subsequent published reports in any biomedical field. Tsujimoto et al. [15] assessed the registration rate of 284 systematic reviews published in high-impact medical journals, but focused on the rate of statistically significant results as a proxy for outcome reporting bias and not on overall review quality. The finding that registration in PROSPERO was associated with higher review quality might be possibly explained by the fact that a detailed protocol form that delineates all review procedures from formulation of a research question to synthesis and dissemination of the results has to be completed and submitted to PROSPERO by the review authors. This requires that the review

authors have actually invested time to plan all review procedures beforehand and therefore might indirectly result in more robust methods. Alternatively, authors with detailed a priori protocols might find it easier to fill out and submit their review protocols in PROSPERO. It must be noted here that PROSPERO protocols are not checked for completeness and can be submitted with very limited information and as such. For example, review registration was not associated with any improvement on item 3 (“*Was a comprehensive literature search performed?*”), even though comprehensiveness of the literature search is a very important aspect of systematic reviews. *A priori* registration of systematic review protocols might enhance transparency and minimize outcome reporting bias [5], although a previous study [15] failed to find such evidence. Furthermore, *a priori* registration might help avoid waste of research resources [21,22] due to redundant research duplication that might be caused by multiple systematic reviews being produced on the same or overlapping subjects.

Several factors, were associated with %AMSTAR score. Inclusion of a statistician or an epidemiologist in the review team was also associated with an increase in %AMSTAR score (Table 3). This has been previously reported for both medical [23,24] and orthodontic systematic reviews [16,17] and has been associated with higher submission acceptance rates [25]. This could be attributed to modest statistical skills of the average clinical medical or orthodontic researchers and students [26,27].

Systematic reviews published in orthodontic specialty journals had on average higher %AMSTAR scores than systematic reviews published in general dentistry journals (Table 3). This improvement in the quality of orthodontic systematic reviews through the later years has been documented [16,17] and might be attributed to consistent interest and efforts from orthodontic research groups to promote evidence based oral health, as well as editorial initiatives in this direction [28,29].

Additionally, the %AMSTAR score was associated with the number of included primary studies in the systematic review. Reviews with more than 30 included studies had considerably lower %AMSTAR score than reviews with less than 10 included studies (Table 3), which is consistent with previous studies [16,24]. This could be explained by stricter methodology and eligibility criteria used by the authors, which focus only on less biased designs of orthodontic studies [30] and thereby limit the number of eligible studies.

Furthermore, registered systematic reviews were more likely to cite the PRISMA guidelines, to use the GRADE approach to grade the quality of evidence, to include a flowdiagram, and to perform meta-analysis than non-registered reviews. These are methodological traits of systematic reviews that are not included in the AMSTAR tool, but are still associated with conduct and reporting completeness for systematic reviews.

However, certain limitations to the approach used in the present study must also be acknowledged. First and foremost, the present study assessed the methodological quality of systematic reviews in orthodontics with the AMSTAR tool [18] and not the risk of bias of the systematic review with the Risk of Bias in Systematic Reviews (ROBIS) tool [31]. This decision was made as the AMSTAR tool exists for a longer time, has found widespread use, has been shown to be reliable, and has undergone internal/external validation [32,33], unlike the ROBIS tool. Secondly, some systematic reviews might have been missed by our literature search, even though multiple databases were used. Thirdly, we excluded from the present investigation Cochrane reviews in orthodontics, since protocol registration is a prerequisite in Cochrane and does not come in question. However, this could have influenced the results of the study, since orthodontic Cochrane reviews have been shown to be of better quality than non-Cochrane reviews [16,17]. Additionally, we extracted the registration status of each systematic review on pertinent statements from within the systematic review published papers and did not search PROSPERO ourselves. Therefore, if a registered systematic review didn't report its registration in the published paper, this was categorized as non-registered. Furthermore, observed associations in this study cannot establish a cause and effect relationship, due to the study's cross-sectional nature. Unfortunately, after the present study had been completed a revised AMSTAR 2 tool was introduced [34] and therefore it would be interesting to see if present results will be confirmed using AMSTAR 2. Finally, the results of the present study are directly applicable to non-Cochrane orthodontic systematic reviews with or without meta-analysis. They could theoretically be transferable to systematic reviews in medicine, since orthodontic reviews had similar if not higher %AMSTAR scores compared to medical reviews [24].

## 5. Conclusions

*A priori* registration in PROSPERO of systematic review protocols in orthodontics was found to be associated with higher review quality measured with the AMSTAR tool. This bears implications for orthodontics and other biomedical fields with relatively deficient *a priori* registration of systematic review protocols in PROSPERO. Editorial initiatives could be implemented to encourage the registration of systematic review protocols prior to the actual review procedures in order to enhance methodological quality.

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## References

1. Patsopoulos NA, Analatos AA, Ioannidis JP. Relative citation impact of various study designs in the health sciences. *JAMA* 2005;293:2362–6.
2. Chavalarias D, Ioannidis JP. Science mapping analysis characterizes 235 biases in biomedical research. *J Clin Epidemiol* 2010;63:1205–15.
3. Dwan K, Altman DG, Arnaiz JA, Bloom J, Chan AW, Cronin E, et al. Systematic review of the empirical evidence of study publication bias and outcome reporting bias. *PLoS One* 2008;3:e3081.
4. Chan AW, Hrobjartsson A, Haahr MT, Gotzsche PC, Altman DG. Empirical evidence for selective reporting of outcomes in randomized trials: comparison of protocols to published articles. *JAMA* 2004;291:2457–65.
5. Mathieu S, Boutron I, Moher D, Altman DG, Ravaud P. Comparison of registered and published primary outcomes in randomized controlled trials. *JAMA* 2009;302:977–84.
6. Kirkham JJ, Altman DG, Williamson PR. Bias due to changes in specified outcomes during the systematic review process. *PLoS One* 2010;5:e9810.
7. Page MJ, McKenzie JE, Kirkham J, Dwan K, Kramer S, Green S, Forbes A. Bias due to selective inclusion and reporting of outcomes and analyses in systematic reviews of randomised trials of healthcare interventions. *Cochrane Database Syst Rev* 2014;10:MR000035.
8. Pandis N, Fleming PS, Worthington H, Dwan K, Salanti G. Discrepancies in Outcome Reporting Exist Between Protocols and Published Oral Health Cochrane Systematic Reviews. *PLoS One* 2015;10:e0137667.
9. Tricco AC, Cogo E, Page MJ, Polisena J, Booth A, Dwan K, MacDonald H, Clifford TJ, Stewart LA, Straus SE, Moher D. A third of systematic reviews changed or did not specify the primary outcome: a PROSPERO register study. *J Clin Epidemiol* 2016;79:46–54.
10. Siontis KC, Hernandez-Boussard T, Ioannidis JP. Overlapping metaanalyses on the same topic: survey of published studies. *BMJ* 2013;347:f4501.

11. Booth A, Clarke M, Dooley G, Ghera D, Moher D, Petticrew M, Stewart L. The nuts and bolts of PROSPERO: an international prospective register of systematic reviews. *Syst Rev* 2012;1:2.
12. Moher D. The problem of duplicate systematic reviews. *BMJ* 2013;347:f5040.
13. Moher D, Booth A, Stewart L. How to reduce unnecessary duplication: use PROSPERO. *BJOG* 2014;121:784–6.
14. Liberati A, Altman DG, Tetzlaff J, Mulrow C, Gøtzsche PC, Ioannidis JP, et al. The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: explanation and elaboration. *J Clin Epidemiol* 2009;62:e1–34.
15. Tsujimoto Y, Tsujimoto H, Kataoka Y, Kimachi M, Shimizu S, Ikenoue T, et al. Majority of systematic reviews published in high-impact journals neglected to register the protocols: a meta-epidemiological study. *J Clin Epidemiol* 2017;84:54–60.
16. Papageorgiou SN, Papadopoulos MA, Athanasiou AE. Evaluation of methodology and quality characteristics of systematic reviews in orthodontics. *Orthod Craniofac Res* 2011;14:116–137.
17. Papageorgiou SN, Papadopoulos MA, Athanasiou AE. Reporting characteristics of meta-analyses in orthodontics: methodological assessment and statistical recommendations. *Eur J Orthod* 2014;36:74–85.
18. Shea BJ, Grimshaw JM, Wells GA, Boers M, Andersson N, Hamel C, et al. Development of AMSTAR: a measurement tool to assess the methodological quality of systematic reviews. *BMC Med Res Methodol* 2007;7:10.
19. Sideri S, Papageorgiou SN, Eliades T. Are orthodontic systematic reviews registered a priori in PROSPERO? *J Orthod* 2017 [in press].
20. Maldonado G, Greenland S. Simulation study of confounder-selection strategies. *Am J Epidemiol* 1993;138:923–36.
21. Ioannidis JP, Greenland S, Hlatky MA, Khoury MJ, Macleod MR, Moher D, et al. Increasing value and reducing waste in research design, conduct, and analysis. *Lancet* 2014;383:166–75.



22. Ioannidis JP. The mass production of redundant, misleading, and conflicted systematic reviews and meta-analyses. *Milbank Q* 2016;94:485–514.
23. Delgado-Rodriguez M, Ruiz-Canela M, De Irala-Estevez J, Llorca J, Martinez-Gonzalez A. Participation of epidemiologists and/or biostatisticians and methodological quality of published controlled clinical trials. *J Epidemiol Community Health* 2001;55:569–72.
24. Fleming PS, Koletsi D, Seehra J, Pandis N. Systematic reviews published in higher impact clinical journals were of higher quality. *J Clin Epidemiol* 2014;67:754–9.
25. Altman DG, Goodman SN, Schroter S. How statistical expertise is used in medical research. *JAMA* 2002;287:2817–20.
26. Perneger TV, Ricou B, Boulvain M, Bovier PA, Herrmann FR, Perrier A, et al. Medical researchers evaluate their methodological skills. *J Clin Epidemiol* 2004;57:1323–9.
27. Polychronopoulou A, Eliades T, Taoufik K, Papadopoulos MA, Athanasiou AE. Knowledge of European orthodontic postgraduate students on biostatistics. *Eur J Orthod* 2011;33:434–40.
28. Pandis N, Shamseer L, Kokich VG, Fleming PS, Moher D. Active implementation strategy of CONSORT adherence by a dental specialty journal improved randomized clinical trial reporting. *J Clin Epidemiol* 2014;67:1044-8.
29. Sarkis-Onofre R, Cenci MS, Demarco FF, Lynch CD, Fleming PS, Pereira-Cenci T, et al. Use of guidelines to improve the quality and transparency of reporting oral health research. *J Dent* 2015;43:397–404.
30. Papageorgiou SN, Xavier GM, Cobourne MT. Basic study design influences the results of orthodontic clinical investigations. *J Clin Epidemiol* 2015;68:1512–22.
31. Whiting P, Savović J, Higgins JP, Caldwell DM, Reeves BC, Shea B, et al. ROBIS: A new tool to assess risk of bias in systematic reviews was developed. *J Clin Epidemiol* 2016;69:225–34.
32. Shea BJ, Bouter LM, Peterson J, Boers M, Andersson N, Ortiz Z, et al. External validation of a measurement tool to assess systematic reviews (AMSTAR). *PLoS One* 2007;2:e1350.

33. Shea BJ, Hamel C, Wells GA, Bouter LM, Kristjansson E, Grimshaw J, et al. AMSTAR is a reliable and valid measurement tool to assess the methodological quality of systematic reviews. *J Clin Epidemiol* 2009;62:1013–20.
34. Shea BJ, Reeves BC, Wells G, Thuku M, Hamel C, Moran J, Moher D, Tugwell P, Welch V, Kristjansson E, Henry DA. AMSTAR 2: a critical appraisal tool for systematic reviews that include randomised or non-randomised studies of healthcare interventions, or both. *BMJ* 2017;358:j4008.

## TABLES

**Table 1.** Demographics of included sample of systematic reviews

<b>Factor</b>	<b>Category</b>	<b>n</b>	<b>%</b>
	Total	182	100.0%
Publication year	2012	23	12.6%
	2013	24	13.2%
	2014	43	23.6%
	2015	38	20.9%
	2016	54	29.7%
Country	Brazil	27	14.8%
	Canada	11	6.0%
	China	24	13.2%
	Greece	10	5.5%
	Italy	18	9.9%
	Netherlands	10	5.5%
	United Kingdom	12	6.6%
	Other	70	38.5%
Continent	Europe	79	43.4%
	North America	19	10.4%
	South America	29	15.9%
	Asia	50	27.5%
	Other	5	2.8%
Affiliation	University	170	93.4%
	Other	12	6.6%
Number of authors	1-3	53	29.1%
	4-6	103	56.6%
	>6	26	14.3%
Statistician involved	No	156	85.7%
	Yes	26	14.3%
Multicenter review team	No	81	44.5%
	Yes	101	55.5%
Funding received	No	141	77.5%
	Yes	41	22.5%
PRISMA citation	No	79	43.4%
	Yes	103	56.6%
Journal type	Dental; orthodontic	94	51.7%
	Dental; non-orthodontic	58	31.9%
	Non-dental	30	16.5%
Registered in PROSPERO	No	145	79.7%
	Yes	37	20.3%

**Table 2.** Fulfillment of AMSTAR items according to registration in PROSPERO. Results given as absolute and relative column percentages

		<b>Not registered</b>	<b>Registered</b>		
<b>AMSTAR item</b>	<b>Answer</b>	<b>n (%)</b>	<b>n (%)</b>	<b>P</b>	<b>Test</b>
Item 1	No	104 (71.7%)	1 (2.6%)	<0.001	Fisher
	Partly	2 (1.4%)	0 (0%)		
	Yes	39 (26.7%)	36 (97.3%)		
Item 2	No	17 (11.7%)	2 (5.4%)	0.12	Fisher
	Partly	28 (19.3%)	3 (8.1%)		
	Yes	100 (69.0%)	32 (86.5%)		
Item 3	No	3 (2.1%)	0 (0%)	0.45	Fisher
	Partly	12 (8.3%)	1 (2.7%)		
	Yes	130 (89.7%)	36 (97.3%)		
Item 4	No	56 (38.6%)	9 (24.3%)	0.03	x <sup>2</sup>
	Partly	21 (14.5%)	2 (5.4%)		
	Yes	68 (46.9%)	26 (70.3%)		
Item 5	No	3 (2.1%)	0 (0%)	1.00	Fisher
	Partly	108 (74.5%)	28 (75.7%)		
	Yes	34 (23.5%)	9 (24.3%)		
Item 6	No	2 (1.4%)	0 (0%)	0.63	Fisher
	Partly	0 (0%)	0 (0%)		
	Yes	143 (98.6%)	37 (100.0%)		
Item 7	No	22 (15.2%)	0 (0%)	0.005	Fisher
	Partly	0 (0%)	0 (0%)		
	Yes	123 (84.8%)	37 (100%)		
Item 8	No	26 (17.9%)	0 (0%)	0.002	Fisher
	Partly	0 (0%)	0 (0%)		
	Yes	119 (82.1%)	37 (100.0%)		
Item 9	No	25 (17.2%)	4 (10.8%)	0.65	Fisher
	Partly	2 (1.4%)	0 (0%)		
	Yes	118 (81.4%)	33 (89.2%)		
Item 10	No	85 (58.6%)	13 (35.1%)	0.02	Fisher
	Partly	1 (0.7%)	0 (0%)		
	Yes	59 (40.7%)	24 (64.9%)		
Item 11	No	49 (33.8%)	13 (35.1%)	0.51	Fisher
	Partly	0 (0%)	0 (0%)		
	Yes	96 (66.2%)	24 (64.9%)		

**Table 3.** Univariable and multivariable regression modelling with % AMSTAR score as the dependent variable

<b>Factor</b>	<b>Category</b>	<b>b (95% CI)</b>	<b>P</b>
<i>Univariable</i>			
Registration in PROSPERO	No	Referent	
	Yes	15.5 (9.3,21.8)	<0.001
<i>Multivariable</i>			
Registration in PROSPERO	No	Referent	
	Yes	6.6 (1.0,12.3)	0.02
Publication year	Per year	-0.1 (-1.8,1.7)	0.94
No of authors (categorized)		0.1 (-3.4,3.6)	0.97
Statistician involved	No	Referent	
	Yes	6.6 (0.4,12.8)	0.04
Multicenter author team	No	Referent	
	Yes	0.1 (-4.4,4.6)	0.97
Journal category	Dental; general	Referent	
	Dental; specialty	5.3 (0.2,10.3)	0.04
	General medicine	1.0 (-5.7,7.6)	0.78
Number of included studies	1-9	Referent	
	10-19	-2.7 (-7.8,2.5)	0.31
	20-29	-1.7(-8.1,4.6)	0.60
	>30	-7.5 (-14.3,-0.6)	0.03
PRISMA citation	No	Referent	
	Yes	6.2 (1.4,10.9)	0.01
GRADE use	No	Referent	
	Yes	11.8 (6.6,17.0)	<0.001
Flowdiagram included	No	Referent	
	Yes	11.7 (4.0,19.5)	0.003
Meta-analysis performed	No	Referent	
	Yes	9.2 (4.3,14.1)	<0.001
Significant results	No	Referent	
	Yes	3.7 (-1.3,8.6)	0.14

Abbreviations: b, unstandardized regression coefficient; CI, confidence interval;

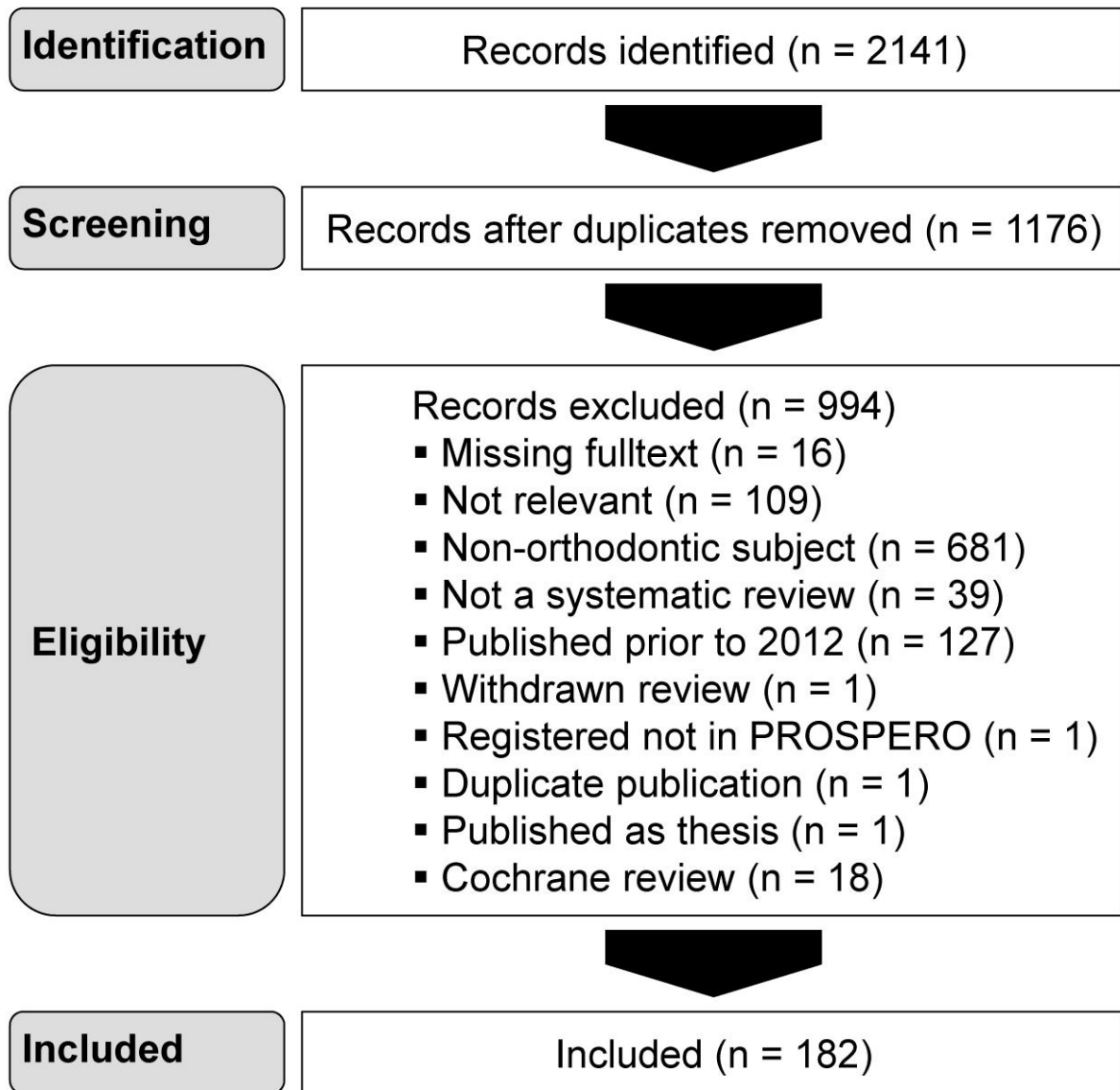
**Table 4.** Differences in methodological characteristics of systematic reviews according to registration status

		<b>Not registered</b>	<b>Registered</b>		
<b>Characteristic</b>		<b>n (%)</b>	<b>n (%)</b>	<b>P</b>	<b>Test</b>
Statistician involved	No	125 (86.2%)	31 (83.8%)	0.71	$\chi^2$
	Yes	20 (13.8%)	6 (16.2%)		
PRISMA citation	No	71 (49.0%)	8 (21.6%)	0.003	$\chi^2$
	Yes	74 (51.0%)	29 (78.4%)		
GRADE used	No	119 (82.1%)	22 (59.5%)	0.003	$\chi^2$
	Yes	26 (17.9%)	15 (40.5%)		
Flowdiagram included	No	16 (11.0%)	0 (0%)	0.05	Fisher
	Yes	129 (89.0%)	37 (100.0%)		
Included only RCTs	No	134 (92.4%)	35 (94.6%)	1.00	Fisher
	Yes	11 (7.6%)	2 (5.4%)		
Meta-analysis performed	No	64 (44.1%)	9 (24.3%)	0.03	$\chi^2$
	Yes	81 (55.9%)	28 (75.7%)		

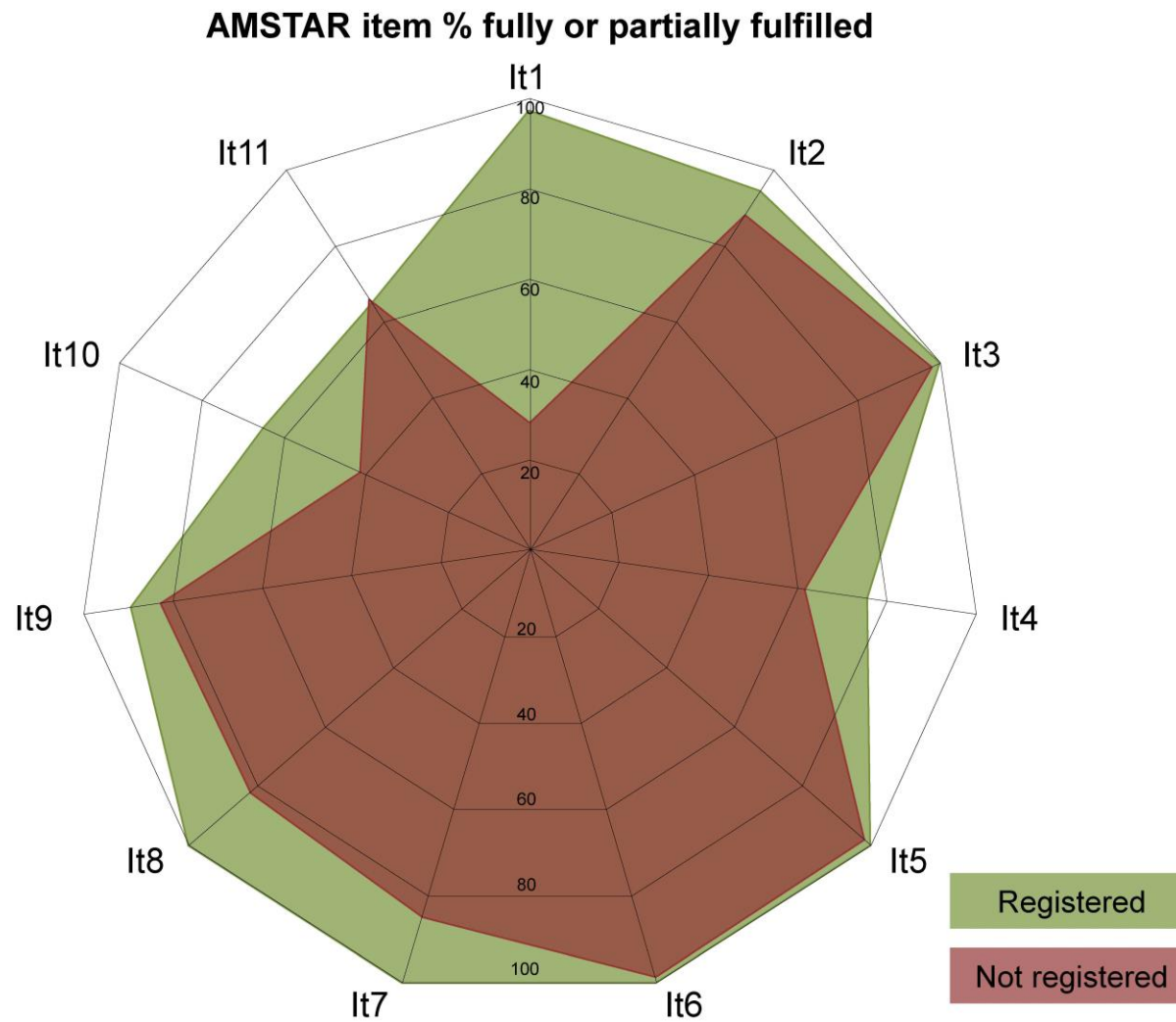
Abbreviations: RCT, randomized clinical trial.

## FIGURE LEGENDS

**Fig. 1.** Flowdiagram for the identification and selection of eligible systematic reviews in this study.



**Fig. 2.** Radar plot with the % proportion of included systematic reviews that fulfill fully/partly each AMSTAR Item (It) according to registration status.





## Registration in PROSPERO of systematic review protocols was associated with increased review quality

### APPENDICES

Appendix A. Literature searches performed in all databases with their hits (search date January 10, 2017).

Database	Search strategy	Hits
MEDLINE (via PubMed) www.pubmed.gov	(orthodon* OR orthognath* OR "dentofacial orthopedics" OR "tooth movement" OR "craniofacial growth" OR "growth modification" OR multibracket OR malocclusion OR "fixed appliance" OR cleft* OR "functional appliance") AND ("meta-analysis")	593
Cochrane Database of Systematic Reviews www.cochranelibrary.com	(orthodon* OR orthognath* OR "dentofacial orthopedics" OR "tooth movement" OR "craniofacial growth" OR "growth modification" OR multibracket OR malocclusion OR "fixed appliance" OR cleft* OR "functional appliance")	64
Cochrane Database of Abstracts of Reviews of Effects www.cochranelibrary.com	(orthodon* OR orthognath* OR "dentofacial orthopedics" OR "tooth movement" OR "craniofacial growth" OR "growth modification" OR multibracket OR malocclusion OR "fixed appliance" OR cleft* OR "functional appliance")	149
Embase www.embase.com	orthodon* OR orthognath* OR 'dentofacial orthopedics' OR 'tooth movement'/exp OR 'tooth movement' OR 'craniofacial growth'/exp OR 'craniofacial growth' OR 'growth modification' OR multibracket OR 'malocclusion'/exp OR malocclusion OR 'fixed appliance' OR cleft* OR 'functional appliance' AND ('meta-analysis'/exp OR 'meta-analysis') AND [meta analysis]/lim AND [embase]/lim	415
Scopus www.scopus.com	(orthodon* OR orthognath* OR "dentofacial orthopedics" OR "tooth movement" OR "craniofacial growth" OR "growth modification" OR multibracket OR malocclusion OR "fixed appliance" OR cleft* OR "functional appliance") AND ("meta-analysis")	581
Web of Science www.webofknowledge.com	(orthodon* OR orthognath* OR "dentofacial orthopedics" OR "tooth movement" OR "craniofacial growth" OR "growth modification" OR multibracket OR malocclusion OR "fixed appliance" OR cleft* OR "functional appliance") AND ("meta-analysis")	317
Virtual Health Library www.bvsalud.org/en/	(orthodon* OR orthognath* OR "dentofacial orthopedics" OR "tooth movement" OR "craniofacial growth" OR "growth modification" OR multibracket OR malocclusion OR "fixed appliance" OR cleft* OR "functional appliance") AND ("meta-analysis")	22

Appendix B. The 11 items of the AMSTAR tool used for the quality assessment of included systematic reviews.

Item	Explanation; notes
1. Was an 'a priori' design provided?	The research question and inclusion criteria should be established before the conduct of the review; Note: Need to refer to a protocol, ethics approval, or pre-determined/a priori published research objectives to score a "yes."
2. Was there duplicate study selection and data extraction?	There should be at least two independent data extractors and a consensus procedure for disagreements should be in place; Note: 2 people do study selection, 2 people do data extraction, consensus process or one person checks the other's work.
3. Was a comprehensive literature search performed?	At least two electronic sources should be searched. The report must include years and databases used (e.g., Central, EMBASE, and MEDLINE). Key words and/or MESH terms must be stated and where feasible the search strategy should be provided. All searches should be supplemented by consulting current contents, reviews, textbooks, specialized registers, or experts in the particular field of study, and by reviewing the references in the studies found; Note: If at least 2 sources + one supplementary strategy used, select "yes" (Cochrane register/Central counts as 2 sources; a grey literature search counts as supplementary).
4. Was the status of publication (i.e. grey literature) used as an inclusion criterion?	The authors should state that they searched for reports regardless of their publication type. The authors should state whether or not they excluded any reports (from the systematic review), based on their publication status, language etc; Note: If review indicates that there was a search for "grey literature" or "unpublished literature," indicate "yes." SINGLE database, dissertations, conference proceedings, and trial registries are all considered grey for this purpose. If searching a source that contains both grey and non-grey, must specify that they were searching for grey/unpublished lit.
5. Was a list of studies (included and excluded) provided?	A list of included and excluded studies should be provided; Note: Acceptable if the excluded studies are referenced. If there is an electronic link to the list but the link is dead, select "no."
6. Were the characteristics of the included studies provided?	In an aggregated form such as a table, data from the original studies should be provided on the participants, interventions and outcomes. The ranges of characteristics in all the studies analyzed e.g., age, race, sex, relevant socioeconomic data, disease status, duration, severity, or other diseases should be reported; Note: Acceptable if not in table format as long as they are described as above.
7. Was the scientific quality of the included studies assessed and documented?	A priori' methods of assessment should be provided (e.g., for effectiveness studies if the author(s) chose to include only randomized, double-blind, placebo controlled studies, or allocation concealment as inclusion criteria); for other types of studies alternative items will be relevant; Note: Can include use of a quality scoring tool or checklist, e.g., Jadad scale, risk of bias, sensitivity analysis, etc., or a description of quality items, with some kind of result for EACH study ("low" or "high" is fine, as long as it is clear which studies scored "low" and which scored "high"; a summary score/range for all studies is not acceptable).
8. Was the scientific quality of the included studies used appropriately in formulating conclusions?	The results of the methodological rigor and scientific quality should be considered in the analysis and the conclusions of the review, and explicitly stated in formulating recommendations; Note: Might say something such as "the results should be interpreted with caution due to poor quality of included studies." Cannot score "yes" for this question if scored "no" for question 7.
9. Were the methods used to combine the findings of studies appropriate?	For the pooled results, a test should be done to ensure the studies were combinable, to assess their homogeneity (i.e., Chi-squared test for homogeneity, I <sup>2</sup> ). If heterogeneity exists a random effects model should be used and/or the clinical appropriateness of combining should be taken into consideration (i.e., is it sensible to combine?); Note: Indicate "yes" if they mention or describe heterogeneity, i.e., if they explain that they cannot pool because of heterogeneity/variability between interventions.
10. Was the likelihood of publication bias assessed?	An assessment of publication bias should include a combination of graphical aids (e.g., funnel plot, other available tests) and/or statistical tests (e.g., Egger regression test, Hedges-Olken); Note: If no test values or funnel plot included, score "no". Score "yes" if mentions that publication bias could not be assessed because there were fewer than 10 included studies.
11. Was the conflict of interest included?	Potential sources of support should be clearly acknowledged in both the systematic review and the included studies; Note: To get a "yes," must indicate source of funding or support for the systematic review AND for each of the included studies.

#### Appendix C. Additional details for the statistical analysis.

-Variables 'country of origin' and 'geographical continent': countries with less than 10 systematic reviews and continents with less than 5 systematic reviews were collapsed into an 'Other' category. This was decided post hoc to enable more effective data presentation. From these two variable, only the 'geographical continent' variable was used in the regression models.

-Assumptions for the linear regression modelling were checked with the commands "estat imtest, white", "ovtest", "linktest", "vif", "predict e, resid", and "kdensity e, normal". This was planned a priori in the study protocol.

-The variables 'number of authors per review' and 'number of included primary studies per review' were transformed from continuous to categorical variables (1-3 authors; 4-6 authors; >6 authors / 1-9 studies; 10-19 studies; 20-29 studies; >30 studies) to relieve extreme data skewness. This was decided post hoc after inspection of graphs from the "avplots" command.

## Appendix D. List of studies excluded/included in this assessment.

No	Paper	Exclusion reason*
1	Bergstrand F, Twetman S. Evidence for the efficacy of various methods of treating white-spot lesions after debonding of fixed orthodontic appliances. <i>Journal of clinical orthodontics</i> . JCO. 2003;37(1):19-21.	Mising fulltext
2	Chen Y, Shu WN, He DQ. Effectiveness and safety of power chain versus nickel titanium coil springs in closing dental extraction space: A meta-analysis. <i>Chinese Journal of Evidence-Based Medicine</i> . 2012;12(11):1391-5.	Mising fulltext
3	Dai ML, Xiao M, Yu Z, Liu DX. [Effect of extraction and non-extraction treatment on frontal smiling esthetics: a meta-analysis]. <i>Shanghai kou qiang yi xue = Shanghai journal of stomatology</i> . 2015;24(4):499-504.	Mising fulltext
4	Ge ZL, Jiao X, Tian JH, Yang KH. Clinical effectiveness of vacuum-formed versus Hawley retainers: A systematic review. <i>Chinese Journal of Evidence-Based Medicine</i> . 2012;12(5):596-601.	Mising fulltext
5	Gerke B, Hiersche M, Jones J, Lewis P, Martin M. The effect of the timing of hard palate repair on maxillary growth in the patient with a unilateral cleft lip and palate: A systematic review. <i>Journal of Investigative Medicine</i> . 2014;62(1):168.	Mising fulltext
6	Huo Y, He H, Guo Y, Hua F. Efficacy of low-level diode laser therapy on orthodontic pain management: A systematic review and meta-analysis. <i>Medical Journal of Wuhan University</i> . 2016;37(3):506-11.	Mising fulltext
7	Jiao X, Tian J, Yang K, Ge Z. Clinical effectiveness of vacuum-formed versus Hawley retainers: a systematic review. <i>Chinese Journal of Evidence-Based Medicine</i> . 2012; 12(5):[596-601 pp.].	Mising fulltext
8	Liu ZP, Chen TT, Li GF, Jiang SC, Zou SJ. Meta analysis of soft tissue profile repair in patients treated with and without premolar extraction. <i>Journal of Clinical Rehabilitative Tissue Engineering Research</i> . 2010;14(2):237-9.	Mising fulltext
9	Poletti L, Monti B, Esposito L, Farronato G. Effectiveness of functional appliances in class II malocclusion treatment. Part I. <i>Mondo Ortodontico</i> . 2012;37(5):142-51.	Mising fulltext
10	Poletti L, Tripodi SM, Esposito L, Farronato G. Effectiveness of functional appliances in association with extraoral traction in class II malocclusion treatment. Part II. <i>Mondo Ortodontico</i> . 2012;37(5):152-8.	Mising fulltext
11	Poyak J. Effects of pacifiers on early oral development. <i>International journal of orthodontics (Milwaukee, Wis)</i> . 2006;17(4):13-6.	Mising fulltext
12	Sonwane S, Shweta RK, Kumar BS, Shett RKG. Chronic congenital systemic disorder - a hurdle in orthodontic treatment plans: Meta analysis. <i>International Journal of Medical Research &amp; Health Sciences</i> . 2016;5(6):239-47.	Mising fulltext
13	Torlaschi R. Orthodontics and periodontics: A meta-analysis. <i>Giornale dell'Odontoiatra</i> . 2008;25(13):23.	Mising fulltext
14	Wang M, Guo Y, Jiang H. Effectiveness of topical fluoride on prevention of enamel demineralization during the orthodontic treatment in China: A systematic review. <i>Chinese Journal of Evidence-Based Medicine</i> . 2013;13(7):875-84.	Mising fulltext
15	Zhang DP, Liu J, Liu Y, Sun N, Yi JC. [Influence of self-ligating and conventional brackets on dental arch width in non-extraction treatment: a meta analysis]. <i>Shanghai kou qiang yi xue = Shanghai journal of stomatology</i> . 2014;23(3):367-72.	Mising fulltext
16	Zhuge XQ, Zheng Q, Xu X. Meta-analysis of curative effect of distraction osteogenesis surgery on craniofacial deformity secondary to cleft lip and palate. <i>Journal of Clinical Rehabilitative Tissue Engineering Research</i> . 2010;14(7):1162-5.	Mising fulltext
17	Abdallah MN, Flores-Mir C. Are interventions for accelerating orthodontic tooth movement effective? <i>Evidence-based dentistry</i> . 2014;15(4):116-7.	Not relevant to the study
18	Al-Jewair TS, Gaffar BO, Flores-Mir C. Quality assessment of systematic reviews on the efficacy of oral appliance therapy for adult and pediatric sleep-disordered breathing. <i>Journal of Clinical Sleep Medicine</i> . 2016;12(8):1175-83.	Not relevant to the study
19	Allareddy V, Lee MK, Shah A, Elangovan S, Lin CY. Association between study design and citation counts of articles published in the American Journal of Orthodontics and Dental Orthopedics and Angle Orthodontist. <i>Orthodontics : the art and practice of dentofacial enhancement</i> . 2012;13(1):184-91.	Not relevant to the study
20	Al-Riyami S, Moles DR, Cunningham SJ. Orthognathic treatment and temporomandibular disorders: A systematic review. Part 1. A new quality-assessment technique and analysis of study characteristics and classifications. <i>Am J Orthod Dentofacial Orthop</i> 2009;136(5):624.e1-.e15.	Not relevant to the study
21	BeGole EA, Sadowsky C. Methodologies for evaluating long-term stability of dental relationships after orthodontic treatment. <i>Seminars in orthodontics</i> . 1999;5(3):142-50.	Not relevant to the study
22	Birchler FA, Kiliaridis S, Combesure C, Vazquez L. Dental age assessment on panoramic radiographs in a Swiss population: a validation study of two prediction models. <i>Dento maxillo facial radiology</i> . 2016;45(1):20150137.	Not relevant to the study
23	Böhmer AC, Ludwig KU, Knapp M, Steegers-Theunissen RP, Rubini M, Mossey PA, et al. Replication of genome-wide significant susceptibility factors for nonsyndromic cleft lip with or without cleft palate in a European population: Support for 1p36, 1p22.1 and 20q12. <i>Medizinische Genetik</i> . 2013;25(1):142.	Not relevant to the study
24	Böhmer AC, Nagarajan B, Ishorst N, Knapp M, Cotney JL, Nöthen MM, et al. Nonsyndromic cleft lip and palate: Identification of a causal element at 13Q31. <i>Medizinische Genetik</i> . 2016;28(1):100.	Not relevant to the study
25	Bondemark L, Ruf S. Randomized controlled trial: the gold standard or an unobtainable fallacy? <i>Eur J Orthod</i> 2015;37(5):457-61.	Not relevant to the study
26	Bonito AJ, Lux L, Lohr KN. Authors' response [2]. <i>Journal of periodontology</i> . 2006;77(2):323-4.	Not relevant to the study
27	Boonacker CWB, Rovers MM, Browning GG, Hoes AW, Schilder AGM, Burton MJ. Background and introduction. <i>Health Technology Assessment</i> . 2014;18(5):1-+.	Not relevant to the study
28	Bortolus R, Blom F, Filippini F, van Poppel MN, Leoncini E, de Smit DJ, et al. Prevention of congenital malformations and other adverse pregnancy outcomes with 4.0 mg of folic acid: community-based randomized clinical trial in Italy and the Netherlands. <i>BMC pregnancy and childbirth</i> . 2014;14:166.	Not relevant to the study
29	Bykowski MR, Naran S, Winger DF, Losee JE. Abstract 116: the rate of oronasal fistula formation following primary cleft palate surgery: a meta-analysis. <i>Plastic and reconstructive surgery</i> . 2014;133(3 Suppl):132-3.	Not relevant to the study
30	Chia M. Evidence not strong enough to advocate powered toothbrushes over manual for orthodontic patients. <i>Evidence-based dentistry</i> . 2008;9(3):78.	Not relevant to the study
31	Cobourne MT. Finding the evidence is all in the methodology. <i>J Orthod</i> 2014;41(3):165-6.	Not relevant to the study
32	Cunningham Jr LL, Dodson TB, Feinberg SE, Le AD, Wohlford ME, Zuniga JR. 2007 Research Summit: At the Forefront of Innovation. <i>Journal of Oral and Maxillofacial Surgery</i> . 2008;66(2):215-22.	Not relevant to the study
33	Danda AK. Re: Effectiveness of Postoperative Antibiotics in Orthognathic Surgery: A Meta-Analysis, by Danda and Ravi Response. <i>Journal of Oral and Maxillofacial Surgery</i> . 2012;70(9):2024-5.	Not relevant to the study
34	D'Anto V, Bucci R, Franchi L, Rongo R, Michelotti A, Martina R. Class II functional orthopaedic treatment: a systematic review of systematic reviews. <i>Journal of oral rehabilitation</i> . 2015;42(8):624-42.	Not relevant to the study
35	Dawson KH, Chigurupati R. Fixation of mandibular fractures: a tincture of science. <i>Annals of the Royal Australasian College of Dental Surgeons</i> . 2002;16:118-22.	Not relevant to the study
36	De Vries N, Den Herder C, Hessel NS, Hoekema A. Treatment of obstructive sleep apnea syndrome in adults [7] (multiple letters). <i>Nederlands Tijdschrift voor Geneeskunde</i> . 2004;148(5):250-1.	Not relevant to the study
37	Dodson T. Efficacy of biodegradable osteofixation devices in oral and maxillofacial surgery remains inconclusive. <i>Evidence-based dentistry</i> . 2007;8(2):44.	Not relevant to the study
38	Dodson TB. Corticosteroid administration in oral and orthognathic surgery. <i>Evidence-based dentistry</i> . 2011;12(2):49-50.	Not relevant to the study
39	Elkhadem A, Orabi N. Weak evidence suggests higher risk for bracket bonding failure with self-etch primer compared to conventional acid etch over 12 months. <i>Evidence-based dentistry</i> . 2013;14(2):52-3.	Not relevant to the study
40	Elkhadem A. Large overjet may double the risk of dental trauma. <i>Evidence-based dentistry</i> . 2015;16(2):56.	Not relevant to the study
41	Espahbod C, Veitz-Keenan A. Tranexamic acid reduces intraoperative blood loss in orthognathic surgery. <i>Evidence-based dentistry</i> . 2014;15(2):63.	Not relevant to the study
42	Fleming PS, DiBiase AT. Systematic reviews in orthodontics: what have we learned? <i>International dental journal</i> . 2008;58(1):10-4.	Not relevant to the study
43	Fleming PS, Johal A, Pandis N. The effectiveness of laceback ligatures during initial orthodontic alignment: a systematic review and meta-analysis Reply. <i>Eur J Orthod</i> 2013;35(4):548-50.	Not relevant to the study
44	Fleming PS, Koletsi D, Pandis N. Blinded by PRISMA: are systematic reviewers focusing on PRISMA and ignoring other guidelines? <i>PloS one</i> . 2014;9(5):e96407.	Not relevant to the study
45	Fleming PS, Koletsi D, Seehra J, Pandis N. Systematic reviews published in higher impact clinical journals were of higher quality. <i>Journal of clinical epidemiology</i> . 2014;67(7):754-9.	Not relevant to the study
46	Fleming PS, Seehra J, Polychronopoulou A, Fedorowicz Z, Pandis N. Cochrane and non-Cochrane systematic reviews in leading orthodontic journals: a quality paradigm? <i>Eur J Orthod</i> 2013;35(2):244-8.	Not relevant to the study
47	Fleming PS. Accelerating orthodontic tooth movement using surgical and non-surgical approaches. <i>Evidence-based dentistry</i> . 2014;15(4):114-5.	Not relevant to the study
48	Fleming PS. Limited evidence suggests no difference in orthodontic attachment failure rates with the acid-etch technique and self-etch primers. <i>Evidence-based dentistry</i> . 2014;15(2):48-9.	Not relevant to the study
49	Flores-Mir C, Major MP, Major PW. Search and selection methodology of systematic reviews in orthodontics (2000-2004). <i>Am J Orthod Dentofacial Orthop</i> 2006;130(2):214-7.	Not relevant to the study
50	Flores-Mir C. Bonded molar tubes associated with higher failure rate than molar bands. <i>Evidence-based dentistry</i> . 2011;12(3):84.	Not relevant to the study
51	Flores-Mir C. Little evidence to guide initial arch wire choice for fixed appliance therapy. <i>Evidence-based dentistry</i> . 2014;15(4):112-3.	Not relevant to the study
52	Flores-Mir C. No reliable evidence to guide initial arch wire choice for fixed appliance therapy. <i>Evidence-based dentistry</i> . 2013;14(4):114-5.	Not relevant to the study

53	Fox N, Ross Segal G, Schiffman PH, Tuncay OC. Longer orthodontic treatment may result in greater external apical root resorption: What are the treatment-related aetiological factors of external apical root resorption of the maxillary incisor? Evidence-based dentistry. 2005;6(1):21.	Not relevant to the study
54	Fox N. Longer orthodontic treatment may result in greater external apical root resorption. Evidence-based dentistry. 2005;6(1):21.	Not relevant to the study
55	Friction J. Current evidence providing clarity in management of temporomandibular disorders: summary of a systematic review of randomized clinical trials for intra-oral appliances and occlusal therapies. The journal of evidence-based dental practice. 2006;6(1):48-52.	Not relevant to the study
56	Friction JR, Ouyang W, Nixdorf DR, Schiffman EL, Velly AM, Look JO. Critical appraisal of methods used in randomized controlled trials of treatments for temporomandibular disorders. Journal of orofacial pain. 2010;24(2):139-51.	Not relevant to the study
57	Gioka C, Eliades T. Materials-induced variation in the torque expression of preadjusted appliances. Am J Orthod Dentofacial Orthop 2004;125(3):323-8.	Not relevant to the study
58	Girardi TLD. Análise cefalométrica de Arnett - revisão de literatura. Ortho Sci, Orthod sci pract. 2011;3(13):488-93.	Not relevant to the study
59	Hani TB, O'Connell AC, Duane B. Casein phosphopeptide-amorphous calcium phosphate products in caries prevention. Evidence-based dentistry. 2016;17(2):46-7.	Not relevant to the study
60	Hanke BA, Motschall E, Turp JC. Association between orthopedic and dental findings: what level of evidence is available? J Orofac Orthop 2007;68(2):91-107.	Not relevant to the study
61	Harman NL, Bruce IA, Kirkham JJ, Tierney S, Callery P, O'Brien K, et al. The Importance of Integration of Stakeholder Views in Core Outcome Set Development: Otitis Media with Effusion in Children with Cleft Palate. PLoS one. 2015;10(6):e0129514.	Not relevant to the study
62	He W, Li C, Zou S. Reply to comments on: "Efficacy of low-level laser therapy in the management of orthodontic pain: a systematic review and meta-analysis". Lasers in medical science. 2015;30(2):941-2.	Not relevant to the study
63	How Kau C. Orthodontic retention regimes: will we ever have the answer? Evidence-based dentistry. 2006;7(4):100.	Not relevant to the study
64	Ismail AI, Bader JD. Evidence-based dentistry in clinical practice. Journal of the American Dental Association. 2004;135(1):78-83.	Not relevant to the study
65	Jamilian A, Cannavale R, Piancino MG, Eslami S, Perillo L. Methodological quality and outcome of systematic reviews reporting on orthopaedic treatment for class III malocclusion: Overview of systematic reviews. J Orthod 2016;43(2):102-20.	Not relevant to the study
66	Javidi H, Benson P. The impact of malocclusion and its treatment on the oral health related quality of life of adults, assessed using the Oral Health Impact Profile (OHIP-14). Evidence-based dentistry. 2015;16(2):57-8.	Not relevant to the study
67	Kalha A. Can I intrude? Evidence-based dentistry. 2007;8(1):17.	Not relevant to the study
68	Kalha A. Orthognathic treatment and temporomandibular disorders - part 1. Evidence-based dentistry. 2010;11(3):82-3.	Not relevant to the study
69	Kalha A. Orthognathic treatment and temporomandibular disorders - part 2. Evidence-based dentistry. 2010;11(3):84-5.	Not relevant to the study
70	Kalha AS. Hawley or vacuum-formed retainers following orthodontic treatment? Evidence-based dentistry. 2014;15(4):110-1.	Not relevant to the study
71	Kalha AS. Is anchorage reinforcement with implants effective in orthodontics? Evidence-based dentistry. 2008;9(1):13-4.	Not relevant to the study
72	Kalha AS. Topical fluorides and decalcification around fixed orthodontic appliances: Which topical fluoride preparations are best able to prevent decalcification around fixed orthodontic appliances? Evidence-based dentistry. 2006;7(2):38-9.	Not relevant to the study
73	Kanavakis G, Dombroski MM, Malouf DP, Athanasios AE. Demographic characteristics of systematic reviews, meta-analyses, and randomized controlled trials in orthodontic journals with impact factor. Eur J Orthod 2016;38(1):57-65.	Not relevant to the study
74	Kau CH. Orthodontic retention regimes: Will we ever have the answer?: How effective are different retention procedures in maintaining tooth position after treatment by orthodontic appliances? Evidence-based dentistry. 2006;7(4):100.	Not relevant to the study
75	Koletsis D, Fleming PS, Eliades T, Pandis N. The evidence from systematic reviews and meta-analyses published in orthodontic literature. Where do we stand? Eur J Orthod 2015;37(6):603-9.	Not relevant to the study
76	Koletsis D, Valla K, Fleming PS, Chaimani A, Pandis N. Assessment of publication bias required improvement in oral health systematic reviews. Journal of clinical epidemiology. 2016;76:118-24.	Not relevant to the study
77	Kuijpers MA, Kuijpers-Jagtman AM. [Orthodontics in general practice 3. Angle Class II/1 malocclusion: one-phase treatment treatment preferred to two-phase treatment]. Nederlands tijdschrift voor tandheelkunde. 2008;115(1):22-8.	Not relevant to the study
78	Long H, Jian F, Lai W. Weak evidence supports the short-term benefits of orthopaedic treatment for Class III malocclusion in children. Evidence-based dentistry. 2014;15(1):21-2.	Not relevant to the study
79	Long H, Lai W. No reliable evidence for the association between dental crowding and caries. Evidence-based dentistry. 2013;14(1):12.	Not relevant to the study
80	Long H, Zhou Y, Lai W. The effectiveness of laceback ligatures during initial orthodontic alignment: a systematic review and meta-analysis. Eur J Orthod 2013;35(4):547-8.	Not relevant to the study
81	Madurantakam P. Fixed or removable function appliances for Class II malocclusions. Evidence-based dentistry. 2016;17(2):52-3.	Not relevant to the study
82	Maia LC, Antonio AG. Systematic reviews in dental research. A guideline. The Journal of clinical pediatric dentistry. 2012;37(2):117-24.	Not relevant to the study
83	Mattos CT, Ruellas AC. Systematic review and meta-analysis: what are the implications in the clinical practice? Dental Press J Orthod 2015;20(1):17-9.	Not relevant to the study
84	McGuinness N. Fixed functional appliances show definite skeletal and dental changes in the short term. Eur J Orthod 2016;38(2):127-8.	Not relevant to the study
85	Meursinge Reynders R, Ladu L, Ronchi L, Di Girolamo N, de Lange J, Roberts N, et al. Insertion torque recordings for the diagnosis of contact between orthodontic mini-implants and dental roots: protocol for a systematic review. Systematic reviews. 2015;4:39.	Not relevant to the study
86	Mossey P. Epidemiology underpinning research in the aetiology of orofacial clefts. Orthodontics & craniofacial research. 2007;10(3):114-20.	Not relevant to the study
87	O'Neill JRS. Functional appliances and mandibular growth — Is there an effect?: Do functional appliances enhance mandibular growth in the treatment of skeletal Class II malocclusions? Evidence-based dentistry. 2004;5(3):74.	Not relevant to the study
88	O'Brien K. Longer treatment times with self-ligated orthodontic brackets. Evidence-based dentistry. 2014;15(3):92.	Not relevant to the study
89	O'Neill J. Do lip bumpers work? Evidence-based dentistry. 2009;10(2):48-9.	Not relevant to the study
90	Pandis N, Fleming PS, Worthington H, Dwan K, Salanti G. Discrepancies in Outcome Reporting Exist Between Protocols and Published Oral Health Cochrane Systematic Reviews. PLoS one. 2015;10(9):e0137667.	Not relevant to the study
91	Pandis N, Fleming PS, Worthington H, Salanti G. The Quality of the Evidence According to GRADE Is Predominantly Low or Very Low in Oral Health Systematic Reviews. PLoS one. 2015;10(7):e0131644.	Not relevant to the study
92	Pandis N. Randomized clinical trials (RCTs) and systematic reviews (SRs) in the context of evidence-based orthodontics (EBO). Seminars in orthodontics. 2013;19(3):142-57.	Not relevant to the study
93	Papadopoulos MA, Gkiazouris I. A critical evaluation of meta-analyses in orthodontics. Am J Orthod Dentofacial Orthop 2007;131(5):589-99.	Not relevant to the study
94	Papadopoulos MA. Meta-analyses and orthodontic evidence-based clinical practice in the 21 century. The open dentistry journal. 2010;4:92-123.	Not relevant to the study
95	Papadopoulos MA. Meta-analysis in evidence-based orthodontics. Orthodontics & craniofacial research. 2003;6(2):112-26.	Not relevant to the study
96	Papageorgiou SN, Antonoglou GN, Tsiranidou E, Jepsen S, Jager A. Bias and small-study effects influence treatment effect estimates: a meta-epidemiological study in oral medicine. Journal of clinical epidemiology. 2014;67(9):984-92.	Not relevant to the study
97	Papageorgiou SN, Dimitrakaki D, Coolidge T, Kotsanos N. Publication bias & small-study effects in pediatric dentistry meta-analyses. The journal of evidence-based dental practice. 2015;15(1):8-24.	Not relevant to the study
98	Papageorgiou SN, Gözl L, Jäger A, Eliades T, Bourauel C, Afrashtehfar KI. Evidence regarding lingual fixed orthodontic appliances' therapeutic and adverse effects is insufficient. Evidence-based dentistry. 2016;17(2):54-5.	Not relevant to the study
99	Papageorgiou SN, Koretsi V, Jager A. Bias from historical control groups used in orthodontic research: a meta-epidemiological study. Eur J Orthod 2016.	Not relevant to the study
100	Papageorgiou SN, Papadopoulos MA, Athanasios AE. Assessing small study effects and publication bias in orthodontic meta-analyses: A meta-epidemiological study. Clinical oral investigations. 2014;18(4):1031-44.	Not relevant to the study
101	Papageorgiou SN, Papadopoulos MA, Athanasios AE. Reporting characteristics of meta-analyses in orthodontics: methodological assessment and statistical recommendations. Eur J Orthod 2014;36(1):74-85.	Not relevant to the study
102	Papageorgiou SN, Tsiranidou E, Antonoglou GN, Deschner J, Jager A. Choice of effect measure for meta-analyses of dichotomous outcomes influenced the identified heterogeneity and direction of small-study effects. Journal of clinical epidemiology. 2015;68(5):534-41.	Not relevant to the study
103	Papageorgiou SN, Xavier GM, Cobourne MT. Basic study design influences the results of orthodontic clinical investigations. Journal of clinical epidemiology. 2015;68(12):1512-22.	Not relevant to the study
104	Papageorgiou SN. Meta-analysis for orthodontists: Part I—How to choose effect measure and statistical model. J Orthod 2014;41(4):317-26.	Not relevant to the study
105	Papageorgiou SN. Meta-analysis for orthodontists: Part II—Is all that glitters gold? Journal of orthodontics. 2014;41(4):327-36.	Not relevant to the study
106	Pickett F. Editor's Consensus Report: Periodontitis and Atherosclerotic Cardiovascular Disease. American Journal of Cardiology. 2010;105(3):424-5.	Not relevant to the study
107	Proffit WR. EVIDENCE AND CLINICAL DECISIONS: Asking the Right Questions to Obtain Clinically Useful Answers. Seminars in orthodontics. 2013;19(3).	Not relevant to the study
108	Rana SS, Kharbanda OP. Letter to editor on "Efficiency of bimaxillary advancement surgery in increasing the volume of the upper airways: a systematic review of observational studies and meta-analysis". Eur Arch Otorhinolaryngol 2016.	Not relevant to the study
109	Reynders RM, de Lange J. Moderate quality evidence that surgical anchorage more effective than conventional anchorage during orthodontic treatment. Evidence-based dentistry. 2014;15(4):108-9.	Not relevant to the study
110	Rinchuse DJ, Rinchuse DJ, Kandasamy S, Ackerman MB. Deconstructing evidence in orthodontics: making sense of systematic reviews, randomized clinical trials, and meta-analyses. World journal of orthodontics. 2008;9(2):167-76.	Not relevant to the study

111	Roberts CT, Semb G, Shaw WC. Strategies for the advancement of surgical methods in cleft lip and palate. <i>Cleft Palate Craniofac J</i> 1991;28(2):141-9.	Not relevant to the study
112	Rosario HD, Oliveira GM, Freires IA, Matos FS, Paranhos LR. Reply to the comment on: "Efficiency of bimaxillary advancement surgery in increasing the volume of the upper airways: a systematic review of observational studies and meta-analysis". <i>Eur Arch Otorhinolaryngol</i> 2016.	Not relevant to the study
113	Ruiz M. Evidence-based orthodontics or the paradigm shift. <i>International orthodontics</i> . 2011;9(1):1-19.	Not relevant to the study
114	Saltaji H, Armijo-Olivo S, Cummings GG, Amin M, Flores-Mir C. Methodological characteristics and treatment effect sizes in oral health randomised controlled trials: Is there a relationship? Protocol for a meta-epidemiological study. <i>BMJ open</i> . 2014;4(2):e004527.	Not relevant to the study
115	Saltaji H, Cummings GG, Armijo-Olivo S, Major MP, Amin M, Major PW, et al. A descriptive analysis of oral health systematic reviews published 1991-2012: cross sectional study. <i>PLoS one</i> . 2013;8(9):e74545.	Not relevant to the study
116	Seehra J, Pandis N, Koletsi D, Fleming PS. Use of quality assessment tools in systematic reviews was varied and inconsistent. <i>Journal of clinical epidemiology</i> . 2016;69:179-84.e5.	Not relevant to the study
117	Shadrack V, Walker M. Facemask therapy between ages six to ten years may lead to short term improvements for Class III malocclusions. <i>Evidence-based dentistry</i> . 2013;14(4):112-3.	Not relevant to the study
118	Syggouros A, Acar A. Evidence-based orthodontics: Appraisal of the methodologies of systematic reviews and meta-analyses in controversial areas of orthodontics. <i>Journal of the World Federation of Orthodontists</i> . 2013;2(3):e117-e22.	Not relevant to the study
119	Tan SK, Lo J, Zwaahlen RA. Re: Effectiveness of postoperative antibiotics in orthognathic surgery: a meta-analysis, by Danda and Ravi. <i>J Oral Maxillofac Surg</i> . 2012;70(9):2023-4; author reply 4-5.	Not relevant to the study
120	Tuncay OC, Tulloch JF. Apparatus criticus: methods used to evaluate growth modification in Class II malocclusion. <i>Am J Orthod Dentofacial Orthop</i> 1992;102(6):531-6.	Not relevant to the study
121	Turpin DL. Improve care with clinical practice guidelines. <i>Am J Orthod Dentofacial Orthop</i> 2009;136(4):475-6.	Not relevant to the study
122	Wells M. Review suggests that cleft lip and palate patients have more caries. <i>Evidence-based dentistry</i> . 2014;15(3):79.	Not relevant to the study
123	Werner EF, Savitz DA, Janevic TM, Ehsanipoor RM, Thung SF, Funai EF, et al. Infants' MTHFR polymorphisms and nonsyndromic orofacial clefts susceptibility: A meta-analysis based on 17 case-control studies: Editorial comment. <i>Obstetrical and Gynecological Survey</i> . 2013;68(1):12-3.	Not relevant to the study
124	Włodarczyk BJ, Palacios AM, George TM, Finnell RH. Antiepileptic drugs and pregnancy outcomes: Editorial comment. <i>Obstetrical and Gynecological Survey</i> . 2012;67(12):770-2.	Not relevant to the study
125	Yan B. Comments on: "efficacy of low-level laser therapy in the management of orthodontic pain: a systematic review and meta-analysis". <i>Lasers in medical science</i> . 2014;29(4):1531.	Not relevant to the study
126	[No authors] Abstracts of the 16th International Congress of the Hungarian Society for Microbiology. <i>Acta Microbiologica et Immunologica Hungarica</i> . 2011;58.	Non-orthodontic subject
127	[No authors] Abstracts Presented at the Laryngology and Rhinology Section Meetings 2013. <i>Journal of Laryngology and Otology</i> . 2014;128(5).	Non-orthodontic subject
128	Abariga SA, Whitcomb BW. Periodontitis and gestational diabetes mellitus: A systematic review and meta-analysis of observational studies. <i>BMC pregnancy and childbirth</i> . 2016;16(1).	Non-orthodontic subject
129	Abdolmaleky HM, Thiagalingam S, Wilcox M. Genetics and epigenetics in major psychiatric disorders: Dilemmas, achievements, applications, and future scope. <i>American Journal of Pharmacogenomics</i> . 2005;5(3):149-60.	Non-orthodontic subject
130	Abramovits W, Boguniewicz M, Paller AS, Whitaker-Worth DL, Prendergast MM, Tokar M, et al. The economics of topical immunomodulators for the treatment of atopic dermatitis. <i>Pharmacoeconomics</i> . 2005;23(6):543-66.	Non-orthodontic subject
131	Abreu LG, Elyasi M, Badri P, Paiva SM, Flores-Mir C, Amin M. Factors associated with the development of dental caries in children and adolescents in studies employing the life course approach: a systematic review. <i>European journal of oral sciences</i> . 2015.	Non-orthodontic subject
132	Acke FRE, Dhooge IJM, Malfait F, De Leenheer EMR. Hearing impairment in Stickler syndrome: A systematic review. <i>Orphanet Journal of Rare Diseases</i> . 2012;7(1).	Non-orthodontic subject
133	Akram Z, Abduljabbar T, Abu Hassan MI, Javed F, Vohra F. Cytokine profile in chronic periodontitis patients with and without obesity: A systematic review and meta-analysis. <i>Disease markers</i> . 2016;2016.	Non-orthodontic subject
134	Akram Z, Safi SH, Vaithilingam RD, Baharuddin NA, Javed F, Vohra F. Efficacy of non-surgical periodontal therapy in the management of chronic periodontitis among obese and non-obese patients: a systematic review and meta-analysis. <i>Clinical oral investigations</i> . 2016;20(5):903-14.	Non-orthodontic subject
135	Aldrigui JM, Jabbar NS, Bonecker M, Braga MM, Wanderley MT. Trends and associated factors in prevalence of dental trauma in Latin America and Caribbean: a systematic review and meta-analysis. <i>Community dentistry and oral epidemiology</i> . 2014;42(1):30-42.	Non-orthodontic subject
136	Alexander LM. Desirable therapeutic characteristics of an optimal antihypertensive agent. <i>Drugs</i> . 2006;66(9):1239-52.	Non-orthodontic subject
137	Al-Hamdan K, Eber R, Sarment D, Kowalski C, Wang HL. Guided tissue regeneration-based root coverage: Meta-analysis. <i>Journal of periodontology</i> . 2003;74(10):1520-33.	Non-orthodontic subject
138	Al-Jewair TS, Al-Jasser R, Almas K. Periodontitis and obstructive sleep apnea's bidirectional relationship: a systematic review and meta-analysis. <i>Sleep and Breathing</i> . 2015;19(4):1111-20.	Non-orthodontic subject
139	Al-Khamis A, McCallum I, King PM, Bruce J. Healing by primary versus secondary intention after surgical treatment for pilonidal sinus. <i>Cochrane Database Syst Rev</i> 2010(1):Cd006213.	Non-orthodontic subject
140	Allagh KP, Shamanna BR, Murthy GV, Ness AR, Doyle P, Neogi SB, et al. Birth prevalence of neural tube defects and orofacial clefts in India: a systematic review and meta-analysis. <i>PLoS one</i> . 2015;10(3):e0118961.	Non-orthodontic subject
141	Al-Moraissi E, Ellis E. Surgical management of anterior mandibular fractures: a systematic review and meta-analysis. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):[2507.e1-e11 pp.].	Non-orthodontic subject
142	Al-Moraissi EA, Al-Hendi EA. Are bicortical screw and plate osteosynthesis techniques equal in providing skeletal stability with the bilateral sagittal split osteotomy when used for mandibular advancement surgery? A systematic review and meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2016;45(10):1195-200.	Non-orthodontic subject
143	Al-Moraissi EA, Ellis E, 3rd. Biodegradable and Titanium Osteosynthesis Provide Similar Stability for Orthognathic Surgery. <i>J Oral Maxillofac Surg</i> . 2015;73(9):1795-808.	Non-orthodontic subject
144	Al-Moraissi EA, Ellis E, 3rd. Surgical treatment of adult mandibular condylar fractures provides better outcomes than closed treatment: a systematic review and meta-analysis. <i>J Oral Maxillofac Surg</i> . 2015;73(3):482-93.	Non-orthodontic subject
145	Al-Moraissi EA, Ellis E. Bilateral Sagittal Split Ramus Osteotomy Versus Distraction Osteogenesis for Advancement of the Retrognathic Mandible. <i>Journal of Oral and Maxillofacial Surgery</i> . 2015;73(8):1564-74.	Non-orthodontic subject
146	Al-Moraissi EA, Ellis E. Is There a Difference in Stability or Neurosensory Function Between Bilateral Sagittal Split Ramus Osteotomy and Intraoral Vertical Ramus Osteotomy for Mandibular Setback? <i>Journal of Oral and Maxillofacial Surgery</i> . 2015;73(7):1360-71.	Non-orthodontic subject
147	Al-Moraissi EA, Ellis E. Surgical management of anterior mandibular fractures: a systematic review and meta-analysis. <i>J Oral Maxillofac Surg</i> . 2014;72(12):2507.e1-11.	Non-orthodontic subject
148	Al-Moraissi EA, Ellis E. What method for management of unilateral mandibular angle fractures has the lowest rate of postoperative complications? a systematic review and meta-analysis. <i>Journal of Oral and Maxillofacial Surgery</i> . 2014;72(11):2197-211.	Non-orthodontic subject
149	Al-Moraissi EA, El-Sharkawy TM, El-Ghareeb TI, Chrcanovic BR. Three-dimensional versus standard miniplat fixation in the management of mandibular angle fractures: a systematic review and meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2014;43(6):708-16.	Non-orthodontic subject
150	Al-Moraissi EA, El-Sharkawy TM, Mounair RM, El-Ghareeb TI. A systematic review and meta-analysis of the clinical outcomes for various surgical modalities in the management of temporomandibular joint ankylosis. <i>International journal of oral and maxillofacial surgery</i> . 2015;44(4):470-82.	Non-orthodontic subject
151	Al-Moraissi EA. Open versus arthroscopic surgery for the management of internal derangement of the temporomandibular joint: a meta-analysis of the literature. <i>International journal of oral and maxillofacial surgery</i> . 2015;44(6):763-70.	Non-orthodontic subject
152	Alsaad AM, Chaudhry SA, Koren G. First trimester exposure to topiramate and the risk of oral clefts in the offspring: A systematic review and meta-analysis. <i>Reproductive toxicology</i> (Elmsford, NY). 2015;53:45-50.	Non-orthodontic subject
153	Ammari MM, Soviero VM, da Silva Fidalgo TK, Lenzi M, Ferreira DM, Mattos CT, et al. Is non-cavitated proximal lesion sealing an effective method for caries control in primary and permanent teeth? A systematic review and meta-analysis. <i>Journal of dentistry</i> . 2014;42(10):1217-27.	Non-orthodontic subject
154	Amrute KV, Moldwin RM. Pharmacotherapy of interstitial cystitis in women. <i>Women's Health</i> . 2007;3(1):63-72.	Non-orthodontic subject
155	Anderson GD, Miller JW. The newer antiepileptic drugs: Their collective role and defining characteristics. <i>Formulary</i> . 2001;36(2):114-35.	Non-orthodontic subject
156	Anderson NK, Jayaratne YS. Methodological challenges when performing a systematic review. <i>Eur J Orthod</i> 2015;37(3):248-50.	Non-orthodontic subject
157	Andrade MR, Antunes LA, Soares RM, Leao AT, Maia LC, Primo LG. Lower dental caries prevalence associated to chronic kidney disease: a systematic review. <i>Pediatric nephrology</i> (Berlin, Germany). 2014;29(5):771-8.	Non-orthodontic subject
158	Angeletaki F, Gkogkos A, Papazoglou E, Kloukos D. Direct versus indirect inlay/onlay composite restorations in posterior teeth. A systematic review and meta-analysis. <i>Journal of dentistry</i> . 2016;53:12-21.	Non-orthodontic subject
159	Antiel RM, Jacobson RM, Fischer PR. Ethics for the pediatrician: A brave new pediatrics? Managing the desire for better children through biotechnological enhancement. <i>Pediatrics in Review</i> . 2012;33(2):e13-7.	Non-orthodontic subject
160	Antonarakis GS, Christou P. Quantitative evaluation of neurosensory disturbance after bilateral sagittal split osteotomy using Semmes-Weinstein monofilaments: a systematic review. <i>J Oral Maxillofac Surg</i> . 2012;70(12):2752-60.	Non-orthodontic subject

161	Antonarakis GS, Palaska PK, Herzog G. Caries prevalence in non-syndromic patients with cleft lip and/or palate: a meta-analysis. <i>Caries research</i> . 2013;47(5):406-13.	Non-orthodontic subject
162	Antonarakis GS, Patel RN, Tompson B. Oral health-related quality of life in non-syndromic cleft lip and/or palate patients: a systematic review. <i>Community dental health</i> . 2013;30(3):189-95.	Non-orthodontic subject
163	Antonarakis GS, Tsiouli K, Christou P. Mesiodistal tooth size in non-syndromic unilateral cleft lip and palate patients: a meta-analysis. <i>Clinical oral investigations</i> . 2013;17(2):365-77.	Non-orthodontic subject
164	Antonio MDDG, Elizabeth AY, Alberto MA. Brain Abscess. <i>Revista Mexicana de Neurociencia</i> . 2010;11(1):63-70.	Non-orthodontic subject
165	Antonoglou GN, Sandor GK, Koidou VP, Papageorgiou SN. Non-syndromic and syndromic keratocystic odontogenic tumors: systematic review and meta-analysis of recurrences. <i>J Craniomaxillofac Surg</i> 2014;42(7):e364-71.	Non-orthodontic subject
166	Araujo MM, Martins CC, Costa LC, Cota LO, Faria RL, Cunha FA, et al. Association between depression and periodontitis: a systematic review and meta-analysis. <i>Journal of clinical periodontology</i> . 2016;43(3):216-28.	Non-orthodontic subject
167	Arias-Irimia O, Barona-Dorado C, Santos-Marino JA, Martínez-Rodríguez N, Martínez-González JM. Meta-analysis of the etiology of odontogenic maxillary sinusitis. <i>Medicina oral, patología oral y cirugía bucal</i> . 2010;15(1):e70-e3.	Non-orthodontic subject
168	Ariyan S, Martin J, Lal A, Cheng D, Borah GL, Chung KC, et al. Antibiotic prophylaxis for preventing surgical-site infection in plastic surgery: an evidence-based consensus conference statement from the American Association of Plastic Surgeons. <i>Plastic and reconstructive surgery</i> . 2015;135(6):1723-39.	Non-orthodontic subject
169	Armalaite J, Lopatienė K. Lateral telerradiography of the head as a diagnostic tool used to predict obstructive sleep apnea. <i>Dento maxillo facial radiology</i> . 2016;45(1):20150085.	Non-orthodontic subject
170	Armijo-Olivo S, da Costa BR, Cummings GG, Ha C, Fuentes J, Saltaji H, et al. PEDro or Cochrane to Assess the Quality of Clinical Trials? A Meta-Epidemiological Study. <i>PLoS one</i> . 2015;10(7):e0132634.	Non-orthodontic subject
171	Armijo-Olivo S, Ospina M, da Costa BR, Egger M, Saltaji H, Fuentes J, et al. Poor reliability between Cochrane reviewers and blinded external reviewers when applying the Cochrane risk of bias tool in physical therapy trials. <i>PLoS one</i> . 2014;9(5):e96920.	Non-orthodontic subject
172	Armijo-Olivo S, Pittance L, Singh V, Neto F, Thie N, Michelotti A. Effectiveness of Manual Therapy and Therapeutic Exercise for Temporomandibular Disorders: Systematic Review and Meta-Analysis. <i>Physical therapy</i> . 2016;96(1):9-25.	Non-orthodontic subject
173	Armijo-Olivo S, Saltaji H, Da Costa BR, Fuentes J, Ha C, Cummings GG. What is the influence of randomization sequence generation and allocation concealment on treatment effects of physical therapy trials? A meta-epidemiological study. <i>BMJ open</i> . 2015;5(9).	Non-orthodontic subject
174	Ash MM. Occlusion: reflections on science and clinical reality. <i>The Journal of prosthetic dentistry</i> . 2003;90(4):373-84.	Non-orthodontic subject
175	Ashley PF, Parekh S, Moles DR, Anand P, Behbehani A. Preoperative analgesics for additional pain relief in children and adolescents having dental treatment. <i>Cochrane Database Syst Rev</i> 2012(9):Cd008392.	Non-orthodontic subject
176	Ashley PF, Parekh S, Moles DR, Anand P, MacDonald LC. Preoperative analgesics for additional pain relief in children and adolescents having dental treatment. <i>Cochrane Database Syst Rev</i> 2016(8):Cd008392.	Non-orthodontic subject
177	Astatkie A, Demissie M, Berhane Y. The association of khat (catha edulis) chewing and orodental health: A systematic review and meta-analysis. <i>South African Medical Journal</i> . 2014;104(11):773-9.	Non-orthodontic subject
178	Atieh MA. Photodynamic therapy as an adjunctive treatment for chronic periodontitis: A meta-analysis. <i>Lasers in medical science</i> . 2010;25(4):605-13.	Non-orthodontic subject
179	Austin J. Meeting Highlights: Lawson Wilkins Pediatric Endocrine Society (PES) Annual Meeting, Denver Colorado, USA. <i>Pediatric Endocrinology Reviews</i> . 2011;9(1):481-5.	Non-orthodontic subject
180	Avila WM, Pordeus IA, Paiva SM, Martins CC. Breast and Bottle Feeding as Risk Factors for Dental Caries: A Systematic Review and Meta-Analysis. <i>PLoS one</i> . 2015;10(11):e0142922.	Non-orthodontic subject
181	Azarpazhooh A. Is there a link between oral health and diabetes? <i>Canadian Journal of Diabetes</i> . 2014;38:S52.	Non-orthodontic subject
182	Badovinac RL, Werler MM, Williams PL, Kelsey KT, Hayes C. Folic acid-containing supplement consumption during pregnancy and risk for oral clefts: a meta-analysis. <i>Birth defects research Part A, Clinical and molecular teratology</i> . 2007;79(1):8-15.	Non-orthodontic subject
183	Bagga A, Mantam M. Nephrotic syndrome in children. <i>Indian Journal of Medical Research</i> . 2005;122(1):13-28.	Non-orthodontic subject
184	Bahekar AA, Singh S, Saha S, Molnar J, Arora R. The prevalence and incidence of coronary heart disease is significantly increased in periodontitis: A meta-analysis. <i>American Heart Journal</i> . 2007;154(5):830-7.	Non-orthodontic subject
185	Bala MM, Leśniak W, Strzeszyński Ł. Efficacy of pharmacological methods used for treating tobacco dependence: Meta-analysis. <i>Polskie Archiwum Medycyny Wewnętrznej</i> . 2008;118(1-2):20-8.	Non-orthodontic subject
186	Baldwin C, Parsons TJ. Dietary advice and nutritional supplements in the management of illness-related malnutrition: systematic review. <i>Clinical Nutrition</i> . 2004;23(6):1267-79.	Non-orthodontic subject
187	Banner NR. Tacrolimus: In heart transplant recipients - A viewpoint by Nicholas R. Banner. <i>Drugs</i> . 2006;66(17):2281.	Non-orthodontic subject
188	Baumgart DC, Sandborn WJ. Inflammatory bowel disease: clinical aspects and established and evolving therapies. <i>Lancet (London, England)</i> . 2007;369(9573):1641-57.	Non-orthodontic subject
189	Beaty TH, Taub MA, Scott AF, Murray JC, Marazita ML, Schwender H, et al. Confirming genes influencing risk to cleft lip with/without cleft palate in a case-parent trio study. <i>Human genetics</i> . 2013;132(7):771-81.	Non-orthodontic subject
190	Bell JC, Raynes-Greenow C, Turner RM, Bower C, Nassar N, O'Leary CM. Maternal alcohol consumption during pregnancy and the risk of orofacial clefts in infants: a systematic review and meta-analysis. <i>Paediatric and perinatal epidemiology</i> . 2014;28(4):322-32.	Non-orthodontic subject
191	Belmonte FM, Macedo CR, Day PF, Siconolfi H, Fernandes MTV. Interventions for treating traumatised permanent front teeth: luxated (dislodged) teeth. <i>Cochrane Database of Systematic Reviews</i> . 2013; (4). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD006203.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD006203.pub2/abstract</a>	Non-orthodontic subject
192	Berkey CS, Hoaglin DC, Antczak-Bouckoms A, Mosteller F, Colditz GA. Meta-analysis of multiple outcomes by regression with random effects. <i>Statistics in Medicine</i> . 1998;17(22):2537-50.	Non-orthodontic subject
193	Berner T, Essig H, Schumann P, Blumer M, Lanzer M, Rucker M, et al. Closed versus open treatment of mandibular condylar process fractures: A meta-analysis of retrospective and prospective studies. <i>J Craniomaxillofac Surg</i> 2015;43(8):1404-8.	Non-orthodontic subject
194	Bessell A, Hooper L, Shaw WC, Reilly S, Reid J, Glenn AM. Feeding interventions for growth and development in infants with cleft lip, cleft palate or cleft lip and palate. <i>Cochrane Database Syst Rev</i> 2011(2):Cd003315.	Non-orthodontic subject
195	Bessell A, Sell D, Whiting P, Roulstone S, Albery L, Persson M, et al. Speech and language therapy interventions for children with cleft palate: A systematic review. <i>Cleft Palate-Craniofacial Journal</i> . 2013;50(1):e1-e17.	Non-orthodontic subject
196	Bhasin DK, Siyad I. Variceal bleeding and portal hypertension: New lights on old horizon. <i>Endoscopy</i> . 2004;36(2):120-9.	Non-orthodontic subject
197	Binder A, Baron R, Schattschneider J, Wasner G. What do the concepts carry into clinical practice? <i>Nervenheilkunde</i> . 2004;23(5):287-91.	Non-orthodontic subject
198	Birks J, Grimley Evans J, Iakovidou V, Tsolaki M, Holt FE. Rivastigmine for Alzheimer's disease. <i>Cochrane Database Syst Rev</i> 2009(2):Cd001191.	Non-orthodontic subject
199	Birks J, Harvey RJ. Donepezil for dementia due to Alzheimer's disease. <i>Cochrane Database of Systematic Reviews</i> . 2006; (1). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD001190.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD001190.pub2/abstract</a>	Non-orthodontic subject
200	Birks J, Wilcock GK. Velnacrine for Alzheimer's disease. <i>Cochrane Database of Systematic Reviews</i> . 2004; (2). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD004748/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD004748/abstract</a>	Non-orthodontic subject
201	Birks JS, Grimley Evans J. Rivastigmine for Alzheimer's disease. <i>Cochrane Database Syst Rev</i> 2015(4):Cd001191.	Non-orthodontic subject
202	Birks JS. Cholinesterase inhibitors for Alzheimer's disease. <i>Cochrane Database of Systematic Reviews</i> . 2006; (1). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD005593/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD005593/abstract</a>	Non-orthodontic subject
203	Bjorn AM, Ehrenstein V, Nohr EA, Norgaard M. Use of inhaled and oral corticosteroids in pregnancy and the risk of malformations or miscarriage. <i>Basic &amp; clinical pharmacology &amp; toxicology</i> . 2015;116(4):308-14.	Non-orthodontic subject
204	Blake PG. Growth hormone and malnutrition in dialysis patients. <i>Peritoneal Dialysis International</i> . 1995;15(6):210-6.	Non-orthodontic subject
205	Blanco R, Colombo A, Pardo R, Suazo J. Maternal biomarkers of methylation status and non-syndromic orofacial cleft risk: a meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2016;45(11):1323-32.	Non-orthodontic subject
206	Blanco R, Colombo A, Suazo J. Maternal obesity is a risk factor for orofacial clefts: a meta-analysis. <i>The British journal of oral &amp; maxillofacial surgery</i> . 2015;53(8):699-704.	Non-orthodontic subject
207	Bluestone CD. Studies in otitis media: Children's Hospital of Pittsburgh-University of Pittsburgh Progress Report - 2004. <i>Laryngoscope</i> . 2004;114(11 III):1-26.	Non-orthodontic subject
208	Bodiguel E, Bensa C, Brassat D, Laplaud D, Le Page E, Ouallet JC, et al. Multiple sclerosis and pregnancy. <i>Revue Neurologique</i> . 2014;170(4):247-65.	Non-orthodontic subject
209	Bonito AJ, Lux L, Lohr KN. Impact of local adjuncts to scaling and root planing in periodontal disease therapy: A systematic review. <i>Journal of periodontology</i> . 2005;76(8):1227-36.	Non-orthodontic subject
210	Bonnot O, Vollset SE, Godet PF, d'Amato T, Dalery J, Robert E. [In utero exposure to benzodiazepine. Is there a risk for anal atresia with lorazepam?]. <i>L'Encephale</i> . 2003;29(6):553-9.	Non-orthodontic subject
211	Bookman LB, Melton KR, Pan BS, Bender PL, Chini BA, Greenberg JM, et al. Neonates with tongue-based airway obstruction: a systematic review. <i>Otolaryngology-head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery</i> . 2012;146(1):8-18.	Non-orthodontic subject
212	Boonacker CW, Rovers MM, Browning GG, Hoes AW, Schilder AG, Burton MJ. Adenoidectomy with or without grommets for children with otitis media: an individual patient data meta-analysis. <i>Health technology assessment (Winchester, England)</i> . 2014;18(5):1-118.	Non-orthodontic subject

213	Borrie FR, Bearn DR, Innes NP, Iheozor-Ejiofor Z. Interventions for the cessation of non-nutritive sucking habits in children. <i>Cochrane Database Syst Rev</i> 2015(3):Cd008694.	Non-orthodontic subject
214	Botto LD, Olney RS, Erickson JD. Vitamin Supplements and the Risk for Congenital Anomalies Other Than Neural Tube Defects. <i>American Journal of Medical Genetics - Seminars in Medical Genetics</i> . 2004;125 C(1):12-21.	Non-orthodontic subject
215	Boutin A, Demers S, Roberge S, Roy-Morency A, Chandad F, Bujold E. Treatment of periodontal disease and prevention of preterm birth: Systematic review and meta-analysis. <i>American Journal of Perinatology</i> . 2013;30(7):537-44.	Non-orthodontic subject
216	Bove R, Alwan S, Friedman JM, Hellwig K, Houtchens M, Koren G, et al. Management of multiple sclerosis during pregnancy and the reproductive years. <i>Obstetrics and Gynecology</i> . 2014;124(6):1157-68.	Non-orthodontic subject
217	Boyle P, Koehlin A, Autier P. A systematic review with meta-analysis of fluoridated mouthwash use for the prevention of dental caries. <i>Oral Diseases</i> . 2014;20(S1):27-34.	Non-orthodontic subject
218	Boyle P, Koehlin A, Autier P. A systematic review with meta-analysis of mouthwash use for the prevention of gingivitis. <i>Oral Diseases</i> . 2014;20(S1):22-6.	Non-orthodontic subject
219	Boyle P, Koehlin A, Autier P. A systematic review with meta-analysis of mouthwash use for the prevention of supragingival plaques and gingivitis: Objectives, methods, data retrieval and trial characteristics. <i>Oral Diseases</i> . 2014;20(S1):7-16.	Non-orthodontic subject
220	Bramham K, Soh MC, Nelson-Piercy C. Pregnancy and renal outcomes in lupus nephritis: An update and guide to management. <i>Lupus</i> . 2012;21(12):1271-83.	Non-orthodontic subject
221	Brignardello-Petersen R, Carrasco-Labra A, Araya I, Yanine N, Cordova JL, Villanueva J. Antibiotic prophylaxis for preventing infectious complications in orthognathic surgery. <i>Cochrane Database of Systematic Reviews</i> . 2015; (1).	Non-orthodontic subject
222	Bueno Torcato L, Junqueira Zuim PR, Atili Brandini D, Falcón-Antenucci RM. Terapéutica alternativa asociada al bruxismo: revisión de literatura. <i>Acta Odontol Venez</i> . 2014;52(3).	Non-orthodontic subject
223	Bührer C. In newborns, oral or rectal paracetamol fails to reduce procedural pain, whereas intravenous paracetamol reduces morphine requirements after major surgery. <i>Evidence-Based Medicine</i> . 2016;21(3):93.	Non-orthodontic subject
224	Burrowes JD, Van Houten G. Use of alternative medicine by patients with stage 5 chronic kidney disease. <i>Advances in Chronic Kidney Disease</i> . 2005;12(3):312-25.	Non-orthodontic subject
225	Busby A, Armstrong B, Dolk H, Armstrong N, Haeusler M, Berghold A, et al. Preventing neural tube defects in Europe: A missed opportunity. <i>Reproductive Toxicology</i> . 2005;20(3):393-402.	Non-orthodontic subject
226	Butali A, Little J, Chevrier C, Cordier S, Steegers-Theunissen R, Jugessur A, et al. Folic acid supplementation use and the MTHFR C677T polymorphism in orofacial clefts etiology: An individual participant data pooled-analysis. <i>Birth defects research Part A, Clinical and molecular teratology</i> . 2013;97(8):509-14.	Non-orthodontic subject
227	Bykowski MR, Naran S, Winger DG, Losee JE. The Rate of Oronasal Fistula Following Primary Cleft Palate Surgery: A Meta-Analysis. <i>Cleft Palate Craniofac J</i> 2015;52(4):e81-7.	Non-orthodontic subject
228	Camacho M, Certal V, Abdullatif J, Zaghi S, Ruoff CM, Capasso R, et al. Myofunctional therapy to treat obstructive sleep apnea: A systematic review and meta-analysis. <i>Sleep</i> . 2015;38(5):669-75.	Non-orthodontic subject
229	Camacho M, Teixeira J, Abdullatif J, Acevedo JL, Certal V, Capasso R, et al. Maxillomandibular Advancement and Tracheostomy for Morbidly Obese Obstructive Sleep Apnea: A Systematic Review and Meta-analysis. <i>Otolaryngology-Head and Neck Surgery</i> . 2015;152(4):619-30.	Non-orthodontic subject
230	Cao J, Kong L, Meng F, Zhang Y, Shen Y. Risk factors for new vertebral compression fractures after vertebroplasty: a meta-analysis. <i>ANZ journal of surgery</i> . 2016;86(7-8):549-54.	Non-orthodontic subject
231	Caprilli R, Gassull MA, Escher JC, Moser G, Munkholm P, Forbes A, et al. European evidence based consensus on the diagnosis and management of Crohn's disease: Special situations. <i>Gut</i> . 2006;55(SUPPL. 1):i36-i58.	Non-orthodontic subject
232	Carinci F, Pezzetti F, Scapoli L, Martinelli M, Carinci P, Tognon M. Genetics of nonsyndromic cleft lip and palate: a review of international studies and data regarding the Italian population. <i>Cleft Palate Craniofac J</i> 2000;37(1):33-40.	Non-orthodontic subject
233	Carlson L, Hatcher KW, Vander Burg R. Elevated infant mortality rates among oral cleft and isolated oral cleft cases: a meta-analysis of studies from 1943 to 2010. <i>Cleft Palate Craniofac J</i> 2013;50(1):2-12.	Non-orthodontic subject
234	Carter MJ, Lobo AJ, Travis SPL. Guidelines for the management of inflammatory bowel disease in adults. <i>Gut</i> . 2004;53(SUPPL. 5):v1-v16.	Non-orthodontic subject
235	Cassidy JT. Medical management of children with juvenile rheumatoid arthritis. <i>Drugs</i> . 1999;58(5):831-50.	Non-orthodontic subject
236	Cates C. Benzodiazepine use in pregnancy and major malformations or oral clefts. Pooled results are sensitive to zero transformation used. <i>BMJ (Clinical research ed)</i> . 1999;319(7214):918-9.	Non-orthodontic subject
237	Chaimani A, Vasiladis HS, Pandis N, Schmid CH, Welton NJ, Salanti G. Effects of study precision and risk of bias in networks of interventions: a network meta-epidemiological study. <i>International journal of epidemiology</i> . 2013;42(4):1120-31.	Non-orthodontic subject
238	Chambers C. Safety of asthma and allergy medications in pregnancy. <i>Immunology and Allergy Clinics of North America</i> . 2006;26(1):13-28.	Non-orthodontic subject
239	Chambers CD, Tutuncu ZN, Johnson D, Jones KL. Human pregnancy safety for agents used to treat rheumatoid arthritis: Adequacy of available information and strategies for developing post-marketing data. <i>Arthritis Research and Therapy</i> . 2006;8(4).	Non-orthodontic subject
240	Chambrone L, Sukekava F, Araújo MG, Pustiglioni FE, Chambrone LA, Lima LA. Root coverage procedures for the treatment of localized recession-type defects. <i>Cochrane Database of Systematic Reviews</i> . 2009(2).	Non-orthodontic subject
241	Chapple ILC, Hamburger J. The significance of oral health in HIV disease. <i>Sexually Transmitted Infections</i> . 2000;76(4):236-43.	Non-orthodontic subject
242	Chatzopoulos GS, Doufexi AE, Kalogirou F. Association of susceptible genotypes to periodontal disease with the clinical outcome and tooth survival after non-surgical periodontal therapy: A systematic review and meta-analysis. <i>Medicina oral, patologia oral y cirugía bucal</i> . 2016;21(1):e14-e29.	Non-orthodontic subject
243	Chen F, Zhao H, Zhang J, Zhang M, Deng F, Zheng L, et al. Is MTHFD1 polymorphism rs 2236225 (c.1958G>A) associated with the susceptibility of NSCLP? A systematic review and meta-analysis. <i>F1000Research</i> . 2016;4:1-19.	Non-orthodontic subject
244	Chen Y, Wong RW, McGrath C, Hagg U, Seneviratne CJ. Natural compounds containing mouthrinses in the management of dental plaque and gingivitis: a systematic review. <i>Clinical oral investigations</i> . 2014;18(1):1-16.	Non-orthodontic subject
245	Chen YJ, Han Y, Mao M, Tan YQ, Leng WD, Zeng XT. Interleukin-1β rs1143634 polymorphism and aggressive periodontitis susceptibility: A meta-analysis. <i>International journal of clinical and experimental medicine</i> . 2015;8(2):2308-16.	Non-orthodontic subject
246	Cheng X, Niu Y, Ding Q, Yin X, Huang G, Peng J, et al. Cadmium Exposure and Risk of Any Fracture: A PRISMA-Compliant Systematic Review and Meta-Analysis. <i>Medicine</i> . 2016;95(10):e2932.	Non-orthodontic subject
247	Cheng Y, Chen JW, Ge MK, Zhou ZY, Yin X, Zou SJ. Efficacy of adjunctive laser in non-surgical periodontal treatment: a systematic review and meta-analysis. <i>Lasers in medical science</i> . 2016;31(1):151-63.	Non-orthodontic subject
248	Cheung CL, Sham PC, Xiao SM, Bow CH, Kung AWC. Meta-analysis of gene-based genome-wide association studies of bone mineral density in Chinese and European subjects. <i>Osteoporosis International</i> . 2012;23(1):131-42.	Non-orthodontic subject
249	Cheung LK, Chua HD. A meta-analysis of cleft maxillary osteotomy and distraction osteogenesis. <i>International journal of oral and maxillofacial surgery</i> . 2006;35(1):14-24.	Non-orthodontic subject
250	Chi CC, Lee CW, Wojnarowska F, Kirtschig G. Safety of topical corticosteroids in pregnancy. <i>Cochrane Database Syst Rev</i> 2009(3):Cd007346.	Non-orthodontic subject
251	Chi CC, Wang SH, Wojnarowska F, Kirtschig G, Davies E, Bennett C. Safety of topical corticosteroids in pregnancy. <i>Cochrane Database Syst Rev</i> 2015(10):Cd007346.	Non-orthodontic subject
252	Cholera M, Chainani-Wu N. Management of Pemphigus Vulgaris. <i>Advances in Therapy</i> . 2016;33(6):910-58.	Non-orthodontic subject
253	Chrcanovic BR. Locking versus non-locking plate fixation in the management of mandibular fractures: a meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2014;43(10):1243-50.	Non-orthodontic subject
254	Chrcanovic BR. Surgical versus non-surgical treatment of mandibular condylar fractures: a meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2015;44(2):158-79.	Non-orthodontic subject
255	Chrzęszczuk D, Konopka T, Ziętek M. Polymorphisms of toll-like receptor 4 as a risk factor for periodontitis: Meta-analysis. <i>Advances in Clinical and Experimental Medicine</i> . 2015;24(6):1059-70.	Non-orthodontic subject
256	Chun JS, Har A, Lim HP, Lim HJ. The analysis of cost-effectiveness of implant and conventional fixed dental prosthesis. <i>The journal of advanced prosthodontics</i> . 2016;8(1):53-61.	Non-orthodontic subject
257	Clauser C, Nieri M, Franceschi D, Pagliaro U, Pini-Prato G. Evidence-based mucogingival therapy. Part 2: Ordinary and individual patient data meta-analyses of surgical treatment of recession using complete root coverage as the outcome variable. <i>Journal of periodontology</i> . 2003;74(5):741-56.	Non-orthodontic subject
258	Coelho FJM, Birks J. Physostigmine for dementia due to Alzheimer's disease. <i>Cochrane Database of Systematic Reviews</i> . 2001; (2). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD001499/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD001499/abstract</a>	Non-orthodontic subject
259	Coletta RD, Graner E. Hereditary gingival fibromatosis: A systematic review. <i>Journal of periodontology</i> . 2006;77(5):753-64.	Non-orthodontic subject
260	Collins J, Cheung K, Farrokhyar F, Strumas N. Pharyngeal flap versus sphincter pharyngoplasty for the treatment of velopharyngeal insufficiency: a meta-analysis. <i>Journal of plastic, reconstructive &amp; aesthetic surgery</i> . JPRAS. 2012;65(7):864-8.	Non-orthodontic subject
261	Colquitt JL, Kirby J, Green C, Cooper K, Trompeter RS. The clinical effectiveness and cost-effectiveness of treatments for children with idiopathic steroid-resistant nephrotic syndrome: A systematic review. <i>Health Technology Assessment</i> . 2007;11(21):iii-49.	Non-orthodontic subject
262	Conde-Agudelo A, Romero R. Maternal periodontal disease and risk of preeclampsia: A systematic review and meta-analysis. <i>American Journal of</i>	Non-orthodontic subject



	Obstetrics and Gynecology. 2009;201(6):S285.	
263	Conde-Agudelo A, Villar J, Lindheimer M. Maternal infection and risk of preeclampsia: Systematic review and metaanalysis. American Journal of Obstetrics and Gynecology. 2008;198(1):7-22.	Non-orthodontic subject
264	Connock M, Frew E, Evans BW, Bryan S, Cummins C, Fry-Smith A, et al. The clinical effectiveness and cost-effectiveness of newer drugs for children with epilepsy. A systematic review. Health Technology Assessment. 2006;10(7):iii-118.	Non-orthodontic subject
265	Corbella S, Del Fabbro M, Taschieri S, Francetti L. Periodontal disease and adverse pregnancy outcomes: A systematic review. Italian Oral Surgery. 2012;11(4):132-46.	Non-orthodontic subject
266	Correa A, Marcinkavage J. Prepregnancy obesity and the risk of birth defects: An update. Nutrition Reviews. 2013;71(SUPPL1):S68-S77.	Non-orthodontic subject
267	Correa-Faria P, Martins CC, Bonecker M, Paiva SM, Ramos-Jorge ML, Pordeus IA. Absence of an association between socioeconomic indicators and traumatic dental injury: a systematic review and meta-analysis. Dent Traumatol 2015;31(4):255-66.	Non-orthodontic subject
268	Correa-Faria P, Martins CC, Bonecker M, Paiva SM, Ramos-Jorge ML, Pordeus IA. Clinical factors and socio-demographic characteristics associated with dental trauma in children: a systematic review and meta-analysis. Dent Traumatol 2016;32(5):367-78.	Non-orthodontic subject
269	Correa-Faria P, Petti S. Are overweight/obese children at risk of traumatic dental injuries? A meta-analysis of observational studies. Dent Traumatol 2015;31(4):274-82.	Non-orthodontic subject
270	Cosgrove RH, Zacharski LR, Racine E, Andersen JC. Improved cancer mortality with low-molecular-weight heparin treatment A review of the evidence. Seminars in Thrombosis and Hemostasis. 2002;28(1):79-87.	Non-orthodontic subject
271	Costa LA, Ribeiro CC, Cantanhede LM, Santiago Junior JF, de Mendonca MR, Pereira AL. Treatments for intrusive luxation in permanent teeth: a systematic review and meta-analysis. International journal of oral and maxillofacial surgery. 2016.	Non-orthodontic subject
272	Cui G, Xu X, Diao H. Comparative Meta-Analysis of Tenofovir Disoproxil Fumarate versus Emtricitabine and Tenofovir Disoproxil Fumarate as Treatments for Patients with Chronic Hepatitis B. Scientific reports. 2015;5:11854.	Non-orthodontic subject
273	Czeizel AE. Is folic acid a risk factor for oral clefts? European Journal of Epidemiology. 2013;28(11):841-3.	Non-orthodontic subject
274	da Silva Bastos Vde A, Freitas-Fernandes LB, Fidalgo TK, Martins C, Mattos CT, de Souza IP, et al. Mother-to-child transmission of Streptococcus mutans: a systematic review and meta-analysis. Journal of dentistry. 2015;43(2):181-91.	Non-orthodontic subject
275	da Silva CG, Pacheco-Pereira C, Porporatti AL, Savi MG, Peres MA, Flores-Mir C, et al. Prevalence of clinical signs of intra-articular temporomandibular disorders in children and adolescents. Journal of the American Dental Association. 2016;147(1):10-+.	Non-orthodontic subject
276	da Veiga AM, Cunha AC, Ferreira DM, da Silva Fidalgo TK, Chianca TK, Reis KR, et al. Longevity of direct and indirect resin composite restorations in permanent posterior teeth: A systematic review and meta-analysis. Journal of dentistry. 2016;54:1-12.	Non-orthodontic subject
277	D'Andrea G. Pycnogenol: A blend of procyanidins with multifaceted therapeutic applications? Fitoterapia. 2010;81(7):724-36.	Non-orthodontic subject
278	Darré L, Vergnes JN, Gourdy P, Sixou M. Efficacy of periodontal treatment on glycaemic control in diabetic patients: A meta-analysis of interventional studies. Diabetes and Metabolism. 2008;34(5):497-506.	Non-orthodontic subject
279	de Silva AM, Hegde S, Akudo Nwagbara B, Calache H, Gussy MG, Nasser M, et al. Community-based population-level interventions for promoting child oral health. Cochrane Database of Systematic Reviews. 2016;2016(9).	Non-orthodontic subject
280	Deacon SA, Glenn AM, Deery C, Robinson PG, Heanue M, Walmsley AD, et al. Different powered toothbrushes for plaque control and gingival health. Cochrane Database Syst Rev 2010(12):Cd004971.	Non-orthodontic subject
281	Deguen S, Kihal W, Jeanjean M, Padilla C, Zmirou-Navier D. Neighborhood Deprivation and Risk of Congenital Heart Defects, Neural Tube Defects and Orofacial Clefts: A Systematic Review and Meta-Analysis. PloS one. 2016;11(10):e0159039.	Non-orthodontic subject
282	Del Corso M, Vervelle A, Simonpieri A, Jimbo R, Inchingolo F, Sammartino G, et al. Current knowledge and perspectives for the use of Platelet-Rich Plasma (PRP) and Platelet-Rich Fibrin (PRF) in oral and maxillofacial surgery part 1: Periodontal and dentoalveolar surgery. Current Pharmaceutical Biotechnology. 2012;13(7):1207-30.	Non-orthodontic subject
283	Dell'osso B, Lader M. Do benzodiazepines still deserve a major role in the treatment of psychiatric disorders? A critical reappraisal. European Psychiatry. 2013;28(1):7-20.	Non-orthodontic subject
284	Demmer RT, Trinquart L, Zuk A, Fu BC, Blomkvist J, Michalowicz BS, et al. The Influence of Anti-Infective Periodontal Treatment on C-Reactive Protein: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. PloS one. 2013;8(10).	Non-orthodontic subject
285	Deng JS, Qin P, Li XX, Du YH. Association between interleukin-1 $\beta$ C (3953/4)T polymorphism and chronic periodontitis: Evidence from a meta-analysis. Human immunology. 2013;74(3):371-8.	Non-orthodontic subject
286	Deps TD, Angelo GL, Martins CC, Paiva SM, Pordeus IA, Borges-Oliveira AC. Association between Dental Caries and Down Syndrome: A Systematic Review and Meta-Analysis. PloS one. 2015;10(6):e0127484.	Non-orthodontic subject
287	De-Regil LM, Fernandez-Gaxiola AC, Dowswell T, Pena-Rosas JP. Effects and safety of periconceptional folate supplementation for preventing birth defects. Cochrane Database Syst Rev 2010(10):Cd007950.	Non-orthodontic subject
288	De-Regil LM, Pena-Rosas JP, Fernandez-Gaxiola AC, Rayco-Solon P. Effects and safety of periconceptional oral folate supplementation for preventing birth defects. Cochrane Database Syst Rev 2015(12):Cd007950.	Non-orthodontic subject
289	Derks LSM, Veenstra HJ, Oomen KPQ, Speleman L, Stegeman I. Surgery Versus Endoscopic Cauterization in Patients With Third or Fourth Branchial Pouch Sinuses: A Systematic Review. Laryngoscope. 2016;126(1):212-7.	Non-orthodontic subject
290	Dewinter G, Teunkens A, Altmir L, Van De Velde M, Rex S. Refresher course: The role of intravenous lidocaine in modern anesthesia. Regional Anesthesia and Pain Medicine. 2015;40(5):e1-e4.	Non-orthodontic subject
291	Dickerson LM, Gibson MV. Management of hypertension in older persons. American Family Physician. 2005;71(3):469-76.	Non-orthodontic subject
292	Dietrich T, Garcia RI. Associations between periodontal disease and systemic disease: Evaluating the strength of the evidence. Journal of periodontology. 2005;76(11 SUPPL):2175-84.	Non-orthodontic subject
293	Dogramaci EJ, Rossi-Fedele G. Establishing the association between nonnutritive sucking behavior and malocclusions: A systematic review and meta-analysis. Journal of the American Dental Association (1939). 2016;147(12):926-34.e6.	Non-orthodontic subject
294	Dolovich LR, Addis A, Vaillancourt JM, Power JD, Koren G, Einarson TR. Benzodiazepine use in pregnancy and major malformations or oral cleft: meta-analysis of cohort and case-control studies. BMJ (Clinical research ed). 1998;317(7162):839-43.	Non-orthodontic subject
295	Dols A, Sienaeert P, Van Gerven H, Schouws S, Stevens A, Kupka R, et al. The prevalence and management of side effects of lithium and anticonvulsants as mood stabilizers in bipolar disorder from a clinical perspective: A review. International Clinical Psychopharmacology. 2013;28(6):287-96.	Non-orthodontic subject
296	Dong L, Ma L. GFA Taq I polymorphism and cleft lip with or without cleft palate (CL/P) risk. International journal of clinical and experimental medicine. 2015;8(3):3545-51.	Non-orthodontic subject
297	Dooley M, Goa KL. Sildenafil. Drugs. 1999;57(2):225-30.	Non-orthodontic subject
298	Dore MP, Graham DY. Ulcers and gastritis. Endoscopy. 2004;36(1):42-7.	Non-orthodontic subject
299	Dötsch J, Rascher W, Plank C. Treatment of idiopathic nephrotic syndrome of childhood. Monatsschrift für Kinderheilkunde. 2004;152(3):265-72.	Non-orthodontic subject
300	Dreier JW, Andersen AM, Berg-Beckhoff G. Systematic review and meta-analyses: fever in pregnancy and health impacts in the offspring. Pediatrics. 2014;133(3):e674-88.	Non-orthodontic subject
301	Dunkhase E, Ludwig KU, Böhmer AC, Knapp M, Nöthen MM, Mattheisen M, et al. Nonsyndromic orofacial clefting and cancer-evaluating a possible common genetic background by analyzing GWAS data. Medizinische Genetik. 2014;26(1):161.	Non-orthodontic subject
302	Eberhard-Gran M, Eskild A, Ojordsmoen S. Treating mood disorders during pregnancy: Safety considerations. Drug Safety. 2005;28(8):695-706.	Non-orthodontic subject
303	Eck JC, Nachtigall D, Humphreys SC, Hodges SD. Comparison of vertebroplasty and balloon kyphoplasty for treatment of vertebral compression fractures: a meta-analysis of the literature. Spine Journal. 2008;8(3):488-97.	Non-orthodontic subject
304	Eikelboom JW, Hankey GJ. Low molecular weight heparins and heparinoids. Medical Journal of Australia. 2002;177(7):379-83.	Non-orthodontic subject
305	Ekberg H. Tailoring of minimal immunosuppression long term. Transplantation Proceedings. 2003;35(2):755-7.	Non-orthodontic subject
306	Ekenze SO, Ajuzieogu OV, Nwomeh BC. Neonatal surgery in Africa: a systematic review and meta-analysis of challenges of management and outcome. Lancet (London, England). 2015;385 Suppl 2:S35.	Non-orthodontic subject
307	Enato E, Moretti M, Koren G. The fetal safety of benzodiazepines: an updated meta-analysis. Journal of obstetrics and gynaecology Canada : JOGC = Journal d'obstétrique et gynécologie du Canada : JOGC. 2011;33(1):46-8.	Non-orthodontic subject
308	Esposito M, Grusovin MG, Kwan S, Worthington HV, Coulthard P. Interventions for replacing missing teeth: Bone augmentation techniques for dental implant treatment. Cochrane Database of Systematic Reviews. 2008(3).	Non-orthodontic subject
309	Esposito M, Grusovin MG, Talati M, Coulthard P, Oliver R, Worthington HV. Interventions for replacing missing teeth: Antibiotics at dental implant placement to prevent complications. Cochrane Database of Systematic Reviews. 2008(3).	Non-orthodontic subject
310	Esposito M, Hirsch JM, Lekholm U, Thomsen P. Biological factors contributing to failures of osseointegrated oral implants. (II). Etiopathogenesis. European journal of oral sciences. 1998;106(3):721-64.	Non-orthodontic subject
311	Esteves Lima RP, Cyrino RM, de Carvalho Dutra B, Oliveira da Silveira J, Martins CC, Miranda Cota LO, et al. Association Between Periodontitis and Gestational Diabetes Mellitus: Systematic Review and Meta-Analysis. Journal of periodontology. 2016;87(1):48-57.	Non-orthodontic subject
312	Fan L, Kuang Q, Tang Y, Qin P. [Effect of premolar extractions on third molar angulation changes: a meta-analysis]. Zhong nan da xue xue bao Yi xue ban = Journal of Central South University Medical sciences. 2015;40(3):317-25.	Non-orthodontic subject

313	Fatemifar G, Hoggart CJ, Paternoster L, Kemp JP, Prokopenko I, Horikoshi M, et al. Genome-wide association study of primary tooth eruption identifies pleiotropic loci associated with height and craniofacial distances. <i>Human molecular genetics</i> . 2013;22(18):3807-17.	Non-orthodontic subject
314	Fatunde A. Did hurricane affect the prevalence of oral clefts among children aged 0-3 years born in the state of Louisiana 2005-2008? <i>Cleft Palate-Craniofacial Journal</i> . 2016;53(4):e150.	Non-orthodontic subject
315	Fekete K, Berti C, Trovato M, Lohner S, Dullemeijer C, Souverein OW, et al. Effect of folate intake on health outcomes in pregnancy: a systematic review and meta-analysis on birth weight, placental weight and length of gestation. <i>Nutrition Journal</i> . 2012;11.	Non-orthodontic subject
316	Feng C, Zhang E, Duan W, Xu Z, Zhang Y, Lu L. Association between polymorphism of TGFA Taq I and cleft lip and/or palate: a meta-analysis. <i>BMC oral health</i> . 2014;14:88.	Non-orthodontic subject
317	Feng C, Zhang E, Xu ZF, Duan WY, Tan XX, Sun CF. Association between polymorphisms in MDM2 gene and oral cancer risk: A meta-analysis. <i>International journal of clinical and experimental medicine</i> . 2016;9(8):15457-66.	Non-orthodontic subject
318	Feriani G, Hatanaka E, Torloni MR, da Silva EM. Infraorbital nerve block for postoperative pain following cleft lip repair in children. <i>Cochrane Database Syst Rev</i> 2016;4:Cd011131.	Non-orthodontic subject
319	Fernández O, Fernández V, De Ramón E. Azathioprine and methotrexate in multiple sclerosis. <i>Journal of the Neurological Sciences</i> . 2004;223(1):29-34.	Non-orthodontic subject
320	Fidalgo TK, Freitas-Fernandes LB, Amari M, Mattos CT, de Souza IP, Maia LC. The relationship between unspecific s-IgA and dental caries: a systematic review and meta-analysis. <i>Journal of dentistry</i> . 2014;42(11):1372-81.	Non-orthodontic subject
321	Figueiredo JC, Ly S, Raimondi H, Magee K, Baurley JW, Sanchez-Lara PA, et al. Genetic risk factors for orofacial clefts in Central Africans and Southeast Asians. <i>American journal of medical genetics Part A</i> . 2014;164a(10):2572-80.	Non-orthodontic subject
322	Filius MA, Cune MS, Raghoobar GM, Vissink A, Visser A. Prosthetic treatment outcome in patients with severe hypodontia: a systematic review. <i>Journal of oral rehabilitation</i> . 2016;43(5):373-87.	Non-orthodontic subject
323	Filler G. Calcineurin inhibitors in pediatric renal transplant recipients. <i>Pediatric Drugs</i> . 2007;9(3):165-74.	Non-orthodontic subject
324	Flack JM, Hamaty M. Difficult-to-treat hypertensive populations: Focus on African-Americans and people with type 2 diabetes. <i>Journal of Hypertension, Supplement</i> . 1999;17(1):S19-S24.	Non-orthodontic subject
325	Flores-Mir C, Korayem M, Heo G, Witmans M, Major MP, Major PW. Craniofacial morphological characteristics in children with obstructive sleep apnea syndrome: a systematic review and meta-analysis. <i>Journal of the American Dental Association</i> (1939). 2013;144(3):269-77.	Non-orthodontic subject
326	Freeman EE, Easterbrook P, Muhe L, Hay R, Martin J, Maurer T. The role of evidence based dermatology in World Health Organization guidelines. <i>Journal of Investigative Dermatology</i> . 2013;133:S96.	Non-orthodontic subject
327	Friedewald VE, Kornman KS, Offenbacher S, Beck J, Taylor GW, Borgnakke WS. Periodontitis and Cardiovascular Disease. <i>American Journal of Cardiology</i> . 2010;105(3):425-8.	Non-orthodontic subject
328	Fuggle NR, Smith TO, Kaul A, Sofat N. Dental association or incidental finding? A meta-analysis and systematic review of the relationship between rheumatoid arthritis and periodontitis. <i>Annals of the Rheumatic Diseases</i> . 2016;75:468.	Non-orthodontic subject
329	Fuggle NR, Smith TO, Kaul A, Sofat N. Hand to mouth: A systematic review and meta-analysis of the association between rheumatoid arthritis and periodontitis. <i>Frontiers in Immunology</i> . 2016;7(MAR).	Non-orthodontic subject
330	Furber CM, McGowan L, Bower P, Kontopantelis E, Qwenby S, Lavender T. Antenatal interventions for reducing weight in obese women for improving pregnancy outcome. <i>Cochrane Database of Systematic Reviews</i> . 2013; (1). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD009334.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD009334.pub2/abstract</a>	Non-orthodontic subject
331	Gao YF, Guo LW, Zhou J, Li SM. Platelet-rich plasma for the treatment of periodontal intrabony defects: A meta-analysis. <i>Chinese Journal of Evidence-Based Medicine</i> . 2013;13(6):741-6.	Non-orthodontic subject
332	Gapski R, Parks CA, Wang HL. A cellular dermal matrix for mucogingival surgery: A meta-analysis. <i>Journal of periodontology</i> . 2005;76(11):1814-22.	Non-orthodontic subject
333	Garg P, Chaman C. Apical periodontitis - Is it accountable for cardiovascular diseases? <i>Journal of Clinical and Diagnostic Research</i> . 2016;10(8):ZE08-ZE12.	Non-orthodontic subject
334	Garg P, Ludwig KU, Bohmer AC, Rubini M, Steegers-Theunissen R, Mossey PA, et al. Genome-wide analysis of parent-of-origin effects in non-syndromic orofacial clefts. <i>European journal of human genetics</i> : EJHG. 2014;22(6):822-30.	Non-orthodontic subject
335	Genovesi AM, Sanavia C, Marchisio O, Lorenzi C, Giacomelli L, Bisacchi F, et al. Oral hygiene protocols: a literature review. <i>Prevenzione e Assistenza Dentale</i> . 2010;36(1):17-23.	Non-orthodontic subject
336	Gerritsen AE, Allen PF, Witter DJ, Bronkhorst EM, Creugers NHJ. Tooth loss and oral health-related quality of life: A systematic review and meta-analysis. <i>Health and Quality of Life Outcomes</i> . 2010;8.	Non-orthodontic subject
337	Ghaemina H, Perry J, Nienhuijs ME, Toedling V, Tummers M, Hoppenreijts TJ, et al. Surgical removal versus retention for the management of asymptomatic disease-free impacted wisdom teeth. <i>Cochrane Database of Systematic Reviews</i> . 2016; (8).	Non-orthodontic subject
338	Ghanem A, Pasumathary S, Ranna V, Kellesarian SV, Abduljabbar T, Vohra F, et al. Is mechanical curettage with adjunct photodynamic therapy more effective in the treatment of peri-implantitis than mechanical curettage alone? <i>Photodiagnosis and Photodynamic Therapy</i> . 2016;15:191-6.	Non-orthodontic subject
339	Gilboa SM, Broussard CS, Devine OJ, Duwe KN, Flak AL, Boulet SL, et al. Influencing clinical practice regarding the use of antiepileptic medications during pregnancy: Modeling the potential impact on the prevalences of spina bifida and cleft palate in the United States. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> . 2011;157(3):234-46.	Non-orthodontic subject
340	Gilleard O, Sell D, Ghanem A, Tavsanoglu Y, Birch M, Sommerlad B. Submucous cleft palate: a systematic review of surgical management based on perceptual and instrumental analysis. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):[686-95 pp.].	Non-orthodontic subject
341	Gillies M, Ranakusuma A, Hoffmann T, Thorning S, McGuire T, Glasziou P, et al. Common harms from amoxicillin: A systematic review and meta-analysis of randomized placebo-controlled trials for any indication. <i>CMAJ</i> . 2015;187(1):E21-E31.	Non-orthodontic subject
342	Gionchetti P, Rizzello F, Habal F, Morselli C, Amadini C, Romagnoli R, et al. Standard treatment of ulcerative colitis. <i>Digestive Diseases</i> . 2003;21(2):157-67.	Non-orthodontic subject
343	Glass GE, Waterhouse N, Shakib K. Hilotherapy for the management of perioperative pain and swelling in facial surgery: a systematic review and meta-analysis. <i>The British journal of oral &amp; maxillofacial surgery</i> . 2016;54(8):851-6.	Non-orthodontic subject
344	Goh YI, Bollano E, Einarson TR, Koren G. Prenatal multivitamin supplementation and rates of congenital anomalies: a meta-analysis. <i>Journal of obstetrics and gynaecology Canada : JOGC = Journal d'obstetrique et gynecologie du Canada : JOGC</i> . 2006;28(8):680-9.	Non-orthodontic subject
345	Golan I, Baumert U, Hrala BP, Müssig D. Dentomaxillofacial variability of cleidocranial dysplasia: clinicoradiological presentation and systematic review. <i>Dento maxillo facial radiology</i> . 2003;32(6):347-54.	Non-orthodontic subject
346	Goldberg O, Moretti M, Levy A, Koren G. Exposure to nitrofurantoin during early pregnancy and congenital malformations: a systematic review and meta-analysis. <i>Journal of obstetrics and gynaecology Canada : JOGC = Journal d'obstetrique et gynecologie du Canada : JOGC</i> . 2015;37(2):150-6.	Non-orthodontic subject
347	Goldstein LB, Adams R, Alberts MJ, Appel LJ, Brass LM, Bushnell CD, et al. Primary prevention of ischemic stroke. A guideline from the American Heart Association/American Stroke Association Stroke Council: Cosponsored by the Atherosclerotic Peripheral Vascular Disease Interdisciplinary Working Group; Cardiovascular Nursing Council; Clinical Cardiology Council; Nutrition, Physical Activity, and Metabolism Council. <i>Stroke</i> . 2006;37(6):1583-633.	Non-orthodontic subject
348	Gowans LJJ, Adeyemo WL, Eshete M, Mossey PA, Busch T, Aregbesola B, et al. Association studies and direct DNA sequencing implicate genetic susceptibility loci in the etiology of nonsyndromic orofacial clefts in sub-Saharan African populations. <i>Journal of dental research</i> . 2016;95(11):1245-56.	Non-orthodontic subject
349	Graff-Radford SB. Migraine prophylaxis. <i>Clinics in Family Practice</i> . 2005;7(3 SPEC. ISS.):445-62.	Non-orthodontic subject
350	Greenstein G. Local drug delivery in the treatment of periodontal diseases: Assessing the clinical significance of the results. <i>Journal of periodontology</i> . 2006;77(4):565-78.	Non-orthodontic subject
351	Grooten JJ, Vinke ME, Roseboom TJ, Painter RC. A Systematic Review and Meta-Analysis of the Utility of Corticosteroids in the Treatment of Hyperemesis Gravidarum. <i>Nutrition and Metabolic Insights</i> . 2015;8:23-32.	Non-orthodontic subject
352	Grossberg GT. Effect of rivastigmine in the treatment of behavioral disturbances associated with dementia: review of neuropsychiatric impairment in Alzheimer's disease. <i>Current medical research and opinion</i> . 2005;21(10):1631-9.	Non-orthodontic subject
353	Guay DRP. Rasagiline (TVP-1012): A new selective monoamine oxidase inhibitor for Parkinson's disease. <i>American Journal Geriatric Pharmacotherapy</i> . 2006;4(4):330-46.	Non-orthodontic subject
354	Guo Y, Zhou S, Liu F, Zhang B. CYP2E1 RsaI/PstI polymorphisms contributed to oral cancer susceptibility: a meta-analysis. <i>International journal of clinical and experimental pathology</i> . 2015;8(11):14685-92.	Non-orthodontic subject
355	Gupta A, Mam C. Helicomania: The mania with insight. <i>Journal of Internal Medicine of India</i> . 2005;8(1):11-9.	Non-orthodontic subject
356	Gurani SF, Di Carlo G, Cattaneo PM, Thorn JJ, Pinholt EM. Effect of Head and Tongue Posture on the Pharyngeal Airway Dimensions and Morphology in Three-Dimensional Imaging: a Systematic Review. <i>Journal of oral &amp; maxillofacial research</i> . 2016;7(1):e1.	Non-orthodontic subject
357	Gurav AN. The implication of periodontitis in vascular endothelial dysfunction. <i>European Journal of Clinical Investigation</i> . 2014;44(10):1000-9.	Non-orthodontic subject
358	Gutierrez-Alvarez AM. Use of anticonvulsive drugs during pregnancy and the risk of malformations in the newborn a meta-analysis. <i>Revista De Neurologia</i> . 2003;37(11):1022-8.	Non-orthodontic subject
359	Gysin C. Indications of pediatric tonsillectomy. <i>ORL</i> . 2013;75(3):193-202.	Non-orthodontic subject
360	Habashy D, Hodson EM, Craig JC. Interventions for steroid-resistant nephrotic syndrome: A systematic review. <i>Pediatric Nephrology</i> . 2003;18(9):906-12.	Non-orthodontic subject
361	Hackshaw A, Rodeck C, Boniface S. Maternal smoking in pregnancy and birth defects: a systematic review based on 173 687 malformed cases and 11.7	Non-orthodontic subject

	million controls. Human reproduction update. 2011;17(5):589-604.	
362	Haddad EM, McAlister VC, Renouf E, Malthaner R, Kjaer MS, Gluud LL. Cyclosporin versus tacrolimus for liver transplanted patients. Cochrane Database of Systematic Reviews. 2006(4).	Non-orthodontic subject
363	Haga S, Nakaoka H, Yamaguchi T, Yamamoto K, Kim YI, Samoto H, et al. A genome-wide association study of third molar agenesis in Japanese and Korean populations. Journal of human genetics. 2013;58(12):799-803.	Non-orthodontic subject
364	Hamed Sangsari A, Sadr-Eshkevari P, Al-Dam A, Friedrich RE, Freymiller E, Rashad A. Surgically Assisted Rapid Palatomaxillary Expansion With or Without Pterygomaxillary Disjunction: A Systematic Review and Meta-Analysis. J Oral Maxillofac Surg. 2016;74(2):338-48.	Non-orthodontic subject
365	Han MX, Ding C, Kyung HM. Genetic polymorphisms in pattern recognition receptors and risk of periodontitis: Evidence based on 12,793 subjects. Human immunology. 2015;76(7):496-504.	Non-orthodontic subject
366	Haram K, Softeland E, Bukowski R. Intrauterine growth restriction. International Journal of Gynecology and Obstetrics. 2006;93(1):5-12.	Non-orthodontic subject
367	Hardinger KL, Koch MJ, Brennan DC. Current and future immunosuppressive strategies in renal transplantation. Pharmacotherapy. 2004;24(9):1159-76.	Non-orthodontic subject
368	Hardwicke JT, Landini G, Richard BM. Fistula incidence after primary cleft palate repair: A systematic review of the literature. Plastic and reconstructive surgery. 2014;134(4):618e-27e.	Non-orthodontic subject
369	Harris AT, Mettias B, Lesser TH. Pooled analysis of the evidence for open cavity, combined approach and reconstruction of the mastoid cavity in primary cholesteatoma surgery. The Journal of laryngology and otology. 2016;130(3):235-41.	Non-orthodontic subject
370	Hasson H, Ismail AI, Neiva G. Home-based chemically-induced whitening of teeth in adults. Cochrane Database of Systematic Reviews. 2006(4).	Non-orthodontic subject
371	Hausen H, Watt RG, Marinho VC. Oral health promotion reduces plaque and gingival bleeding in the short term: Does oral health promotion improve oral hygiene and gingival health? Evidence-based dentistry. 2005;6(2):31.	Non-orthodontic subject
372	Hazra A, Kumar Tripathi S. Folic acid revisited. Indian Journal of Pharmacology. 2001;33(5):322-42.	Non-orthodontic subject
373	He XC, Jiang XL, Wu GP. Research and progress in gene therapy for cranio-maxillofacial bone remodeling. Journal of Clinical Rehabilitative Tissue Engineering Research. 2007;11(41):8327-32.	Non-orthodontic subject
374	Henry PJ. Oral implant restoration for enhanced oral function. Clinical and Experimental Pharmacology and Physiology. 2005;32(1-2):123-7.	Non-orthodontic subject
375	Herkath AP, Herkrath FJ, Rebelo MA, Vettore MV. Parental age as a risk factor for non-syndromic oral clefts: a meta-analysis. Journal of dentistry. 2012;40(1):3-14.	Non-orthodontic subject
376	Hermont AP, Oliveira PA, Martins CC, Paiva SM, Pordeus IA, Auad SM. Tooth erosion and eating disorders: a systematic review and meta-analysis. PloS one. 2014;9(11):e111123.	Non-orthodontic subject
377	Ho VC. The use of ciclosporin in psoriasis: A clinical review. British Journal of Dermatology, Supplement. 2004;150(67):1-10.	Non-orthodontic subject
378	Holt RCL, Webb NJA. Management of nephrotic syndrome in childhood. Current Paediatrics. 2002;12(7):551-60.	Non-orthodontic subject
379	Hou T, Gao L, Zheng J, Liu Z, Wu C, Liu Q, et al. Matrix metalloproteinase-1 gene polymorphisms and periodontitis susceptibility: A meta-analysis based on 11 case-control studies. Gene. 2013;521(1):111-5.	Non-orthodontic subject
380	Hsieh YJ, Liao YF. Effects of maxillomandibular advancement on the upper airway and surrounding structures in patients with obstructive sleep apnoea: a systematic review. The British journal of oral & maxillofacial surgery. 2013;51(8):834-40.	Non-orthodontic subject
381	Hu Y, Wang J, Tao H, Wu B, Sun J, Cheng Y, et al. Increased Risk of High-Grade Hemorrhage in Cancer Patients Treated with Gemcitabine: A Meta-Analysis of 20 Randomized Controlled Trials. PloS one. 2013;8(9).	Non-orthodontic subject
382	Hu YY, Liu JH, Jiang GB, Yuan RX, Niu YM, Shen M. Association between interleukin-1β gene -511C>T/+3954C>T polymorphisms and aggressive periodontitis susceptibility: Evidence from a meta-analysis. Medical Science Monitor. 2015;21:1617-24.	Non-orthodontic subject
383	Hu YY, Qin CQ, Deng MH, Niu YM, Long X. Association between BMP4 rs17563 polymorphism and NSCLC/P risk: a meta-analysis. Disease markers. 2015;2015:763090.	Non-orthodontic subject
384	Hua F, He H, Ngan P, Bouzid W. Prevalence of peg-shaped maxillary permanent lateral incisors: A meta-analysis. Am J Orthod Dentofacial Orthop. 2013;144(1):97-109.	Non-orthodontic subject
385	Huang E, Cheng H, Xu M, Shu S, Tang S. Association between single-nucleotide polymorphisms on chromosome 1p22 and 20q12 and nonsyndromic cleft lip with or without cleft palate: new data in Han Chinese and meta-analysis. Birth defects research Part A, Clinical and molecular teratology. 2012;94(6):469-76.	Non-orthodontic subject
386	Huang W, Jian F, Lai W, Li W, Millett DT, McIntyre GT, et al. Direct versus indirect bonding for bracket placement in orthodontic patients. Cochrane Database of Systematic Reviews. 2014;(6).	Non-orthodontic subject
387	Hughes SS, Fiedler S, Zhang L, Kaye A. 22q11.2 duplication syndrome: Guiding medical management. Cleft Palate-Craniofacial Journal. 2016;53(4):e126.	Non-orthodontic subject
388	Hutton B, Sharma R, Fergusson D, Tinmouth A, Hebert P, Jamieson J, et al. Use of intravenous immunoglobulin for treatment of recurrent miscarriage: A systematic review. BJOG: An International Journal of Obstetrics and Gynaecology. 2007;114(2):134-42.	Non-orthodontic subject
389	Hwang BF, Jaakkola JJ, Guo HR. Water disinfection by-products and the risk of specific birth defects: a population-based cross-sectional study in Taiwan. Environmental health : a global access science source. 2008;7:23.	Non-orthodontic subject
390	Hwang BF, Jaakkola JJ. Water chlorination and birth defects: a systematic review and meta-analysis. Archives of environmental health. 2003;58(2):83-91.	Non-orthodontic subject
391	Hwang D, Wang HL. Flap thickness as a predictor of root coverage: A systematic review. Journal of periodontology. 2006;77(10):1625-34.	Non-orthodontic subject
392	Ifthikhar IH, Hays ER, Iverson MA, Magalang UJ, Maas AK. Effect of oral appliances on blood pressure in obstructive sleep apnea: a systematic review and meta-analysis. Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine. 2013;9(2):165-74.	Non-orthodontic subject
393	Imseis HM, Iams JD. Glucocorticoid use in patients with preterm premature rupture of the fetal membranes. Seminars in Perinatology. 1996;20(5):439-50.	Non-orthodontic subject
394	Ioannidou E, Malekzadeh T, Dongari-Bagtzoglou A. Effect of periodontal treatment on serum C-reactive protein levels: A systematic review and meta-analysis. Journal of periodontology. 2006;77(10):1635-42.	Non-orthodontic subject
395	Izedonmwem OM, Cunningham C, Macfarlane TV. What is the Risk of Having Offspring with Cleft Lip/Palate in Pre-Maternal Obese/Overweight Women When Compared to Pre-Maternal Normal Weight Women? A Systematic Review and Meta-Analysis. Journal of oral & maxillofacial research. 2015;6(1):e1.	Non-orthodontic subject
396	Jaafar SH, Ho JJ, Jahanfar S, Angolkar M. Effect of restricted pacifier use in breastfeeding term infants for increasing duration of breastfeeding. Cochrane Database Syst Rev 2016(8):Cd007202.	Non-orthodontic subject
397	Jackson A, Bromley R, Morrow J, Irwin B, Clayton-Smith J. In utero exposure to valproate increases the risk of isolated cleft palate. Archives of Disease in Childhood: Fetal and Neonatal Edition. 2016;101(3):F207-F11.	Non-orthodontic subject
398	Jain AE, Lacy T. Psychotropic drugs in pregnancy and lactation. Journal of Psychiatric Practice. 2005;11(3):177-91.	Non-orthodontic subject
399	Janket SJ, Meurman JH, Nuutinen P, Qvarnström M, Nunn ME, Baird AE, et al. Salivary lysozyme and prevalent coronary heart disease: Possible effects of oral health on endothelial dysfunction [3]. Arteriosclerosis, Thrombosis, and Vascular Biology. 2006;26(2):433-4.	Non-orthodontic subject
400	Janssen NG, Weijis WL, Koole R, Rosenberg AJ, Meijer GJ. Tissue engineering strategies for alveolar cleft reconstruction: a systematic review of the literature. Clinical oral investigations. 2014;18(1):219-26.	Non-orthodontic subject
401	Japanese Society of Hypertension Guidelines for the Management of Hypertension (JSH 2004). Hypertension Research. 2006;29(SUPPL.):S1-S102.	Non-orthodontic subject
402	Jatlaoui TC, Riley H, Curtis KM. Safety data for levonorgestrel, ulipristal acetate and Yuzpe regimens for emergency contraception. Contraception. 2016;93(2):93-112.	Non-orthodontic subject
403	Jayaraman J, Roberts GJ, King NM, Wong HM. Dental age assessment of southern Chinese using the United Kingdom Caucasian reference dataset. Forensic science international. 2012;216(1-3):68-72.	Non-orthodontic subject
404	Jayaraman J, Wong HM, King NM, Roberts GJ. Development of a Reference Data Set (RDS) for dental age estimation (DAE) and testing of this with a separate Validation Set (VS) in a southern Chinese population. Journal of forensic and legal medicine. 2016;43:26-33.	Non-orthodontic subject
405	Je Y, Schutz FA, Choueiri TK. Risk of bleeding with vascular endothelial growth factor receptor tyrosine-kinase inhibitors sunitinib and sorafenib: a systematic review and meta-analysis of clinical trials. The Lancet Oncology. 2009;10(10):967-74.	Non-orthodontic subject
406	Jeffcoat M. The association between osteoporosis and oral bone loss. Journal of periodontology. 2005;76(11 SUPPL.):2125-32.	Non-orthodontic subject
407	Ji XW, Wang Y, Cao C, Zhong LJ. Assessment of the link between Vitamin D receptor TaqI gene polymorphism and periodontitis: A meta-analysis in a Chinese population. Genetics and Molecular Research. 2016;15(4).	Non-orthodontic subject
408	Jia Z, Leslie EJ, Cooper ME, Butali A, Standley J, et al. Replication of 13q31.1 association in nonsyndromic cleft lip with cleft palate in Europeans. American journal of medical genetics Part A. 2015;167a(5):1054-60.	Non-orthodontic subject
409	Jiang C, Yin N, Zhao Z, Wu D, Wang Y, Li H, et al. Lack of Association Between MTHFR, MTR, MTRR, and TCN2 Genes and Nonsyndromic CL±P in a Chinese Population: Case-Control Study and Meta-Analysis. Cleft Palate Craniofac J 2015;52(5):579-87.	Non-orthodontic subject
410	Jiang N, Pan J, Wang L, Duan YZ. No significant association between p53 codon 72 Arg/Pro polymorphism and risk of oral cancer. Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine. 2013;34(1):587-96.	Non-orthodontic subject
411	Jin SH, Guan XY, Liang WH, Bai GH, Liu JG. TLR4 polymorphism and periodontitis susceptibility A meta-analysis. Medicine (United States). 2016;95(36).	Non-orthodontic subject
412	Johnson CY, Little J. Folate intake, markers of folate status and oral clefts: is the evidence converging? International journal of epidemiology. 2008;37(5):1041-58.	Non-orthodontic subject
413	Joubert BR, Felix JF, Yousefi P, Bakulski KM, Just AC, Breton C, et al. DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American journal of human genetics. 2016;98(4):680-96.	Non-orthodontic subject

414	Joury E, Bernabe E, Sabbah W, Nakhleh K, Gurusamy K. Systematic review and meta-analysis of randomised controlled trials on the effectiveness of school-based dental screening versus no screening on improving oral health in children. <i>Journal of dentistry</i> . 2016.	Non-orthodontic subject
415	Kadir A, Mossey PA, Blencowe H, Moorthie S, Lawn JE, Mastroiacovo P, et al. Systematic Review and Meta-analysis of the Birth Prevalence of Orofacial Clefts in Low- and Middle-Income Countries. <i>Cleft Palate Craniofac J</i> 2016.	Non-orthodontic subject
416	Kaditis AG, Alvarez MLA, Boudewyns A, Alexopoulos EI, Ersu R, Joosten K, et al. Obstructive sleep disordered breathing in 2- to 18-year-old children: Diagnosis and management. <i>European Respiratory Journal</i> . 2016;47(1):69-94.	Non-orthodontic subject
417	Källén BAJ. Methodological issues in the epidemiological study of the teratogenicity of drugs. <i>Congenital Anomalies</i> . 2005;45(2):44-51.	Non-orthodontic subject
418	Kalpidis CDR, Ruben MP. Treatment of intrabony periodontal defects with enamel matrix derivative: A literature review. <i>Journal of periodontology</i> . 2002;73(11):1360-76.	Non-orthodontic subject
419	Kao RT, Nares S, Reynolds MA. Periodontal regeneration - intrabony defects: A systematic review from the AAP regeneration workshop. <i>Journal of periodontology</i> . 2015;86:S77-S104.	Non-orthodontic subject
420	Kasiakou SK, Sermaides GJ, Michalopoulos A, Soteriades ES, Falagas ME. Continuous versus intermittent intravenous administration of antibiotics: A meta-analysis of randomised controlled trials. <i>Lancet Infectious Diseases</i> . 2005;5(9):581-9.	Non-orthodontic subject
421	Kaur S, Bright R, Proudman SM, Bartold PM. Does periodontal treatment influence clinical and biochemical measures for rheumatoid arthritis? A systematic review and meta-analysis. <i>Seminars in Arthritis and Rheumatism</i> . 2015;44(2):113-22.	Non-orthodontic subject
422	Ke J, Zhong R, Zhang T, Liu L, Rui R, Shen N, et al. Replication study in Chinese population and meta-analysis supports association of the 5p15.33 locus with lung cancer. <i>PLoS one</i> . 2013;8(4):e62485.	Non-orthodontic subject
423	Kellesarian SV, Malignaggi VR, Abduljabbar T, Vohra F, Malmstrom H, Romanos GE, et al. Efficacy of scaling and root planing with and without adjunct antimicrobial photodynamic therapy on the expression of cytokines in the gingival crevicular fluid of patients with periodontitis: A systematic review. <i>Photodiagnosis and Photodynamic Therapy</i> . 2016;16:76-84.	Non-orthodontic subject
424	Kemp DE. Managing the side effects associated with commonly used treatments for bipolar depression. <i>Journal of Affective Disorders</i> . 2014;169(S1):S34-S44.	Non-orthodontic subject
425	Khalaf K, Miskelly J, Voge E, Macfarlane TV. Prevalence of hypodontia and associated factors: A systematic review and meta-analysis. <i>J Orthod</i> 2014;41(4):299-316.	Non-orthodontic subject
426	Khan KS, Wykes C, Gee H. Benzodiazepine use in pregnancy and major malformations or oral clefts. Quality of primary studies must influence inferences made from meta-analyses. <i>BMJ (Clinical research ed)</i> . 1999;319(7214):919.	Non-orthodontic subject
427	Khan SQ. Dental caries in Arab League countries: a systematic review and meta-analysis. <i>International dental journal</i> . 2014;64(4):173-80.	Non-orthodontic subject
428	Kher A, Bauersachs R, Nielsen JD. The management of thrombosis in pregnancy: Role of low-molecular-weight heparin. <i>Thrombosis and Haemostasis</i> . 2007;97(4):505-13.	Non-orthodontic subject
429	Kim SG, Solomon C. Cost-effectiveness of endodontic molar retreatment compared with fixed partial dentures and single-tooth implant alternatives. <i>Journal of endodontics</i> . 2011;37(3):321-5.	Non-orthodontic subject
430	Kirkpatrick CL. Now and then: Linking public health research to bioarchaeological methodology. <i>American Journal of Physical Anthropology</i> . 2015;156:188.	Non-orthodontic subject
431	Kisely S, Sawyer E, Siskind D, Laloo R. The oral health of people with anxiety and depressive disorders - A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> . 2016;200:119-32.	Non-orthodontic subject
432	Ko HY, Lu HK. Systematic review of the clinical performance of connective tissue graft and guided tissue regeneration in the treatment of gingival recessions of miller's classification grades I and II. <i>Journal of Experimental and Clinical Medicine</i> . 2010;2(2):63-71.	Non-orthodontic subject
433	Konopka T, Banach J, Bachanek T, Kurnatowska A, Mielczarek A, Górska R. Clinical efficacy comparison of oscillation/rotation/pulsation and sonic electric toothbrushes - Metaanalysis. <i>Dental and Medical Problems</i> . 2013;50(4):432-40.	Non-orthodontic subject
434	Konopka T, Iwanicka-Grzegorek E, Mielczarek A. Stabilized stannous fluoride dentifrice as a dental plaque inhibitor and an antigingivitis agent: Meta-analysis. <i>Dental and Medical Problems</i> . 2016;53(2):260-7.	Non-orthodontic subject
435	Koodaryan R, Hafezeqorani A. Evaluation of Implant Collar Surfaces for Marginal Bone Loss: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> . 2016;2016.	Non-orthodontic subject
436	Koren G. Is ondansetron safe for use during pregnancy? <i>Canadian Family Physician</i> . 2012;58(10):1092-3.	Non-orthodontic subject
437	Kossowsky J, Donado C, Berde CB. Immediate Rescue Designs in Pediatric Analgesic Trials A Systematic Review and Meta-analysis. <i>Anesthesiology</i> . 2015;122(1):150-71.	Non-orthodontic subject
438	Kothare SV, Kaleyias J. The adverse effects of antiepileptic drugs in children. <i>Expert Opinion on Drug Safety</i> . 2007;6(3):251-65.	Non-orthodontic subject
439	Koutsilieris E, Riederer P, du Plessis S, Scheller C. A short review on the relation between the dopamine transporter 10/10-repeat allele and ADHD: Implications for HIV infection. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> . 2014;6(3):203-9.	Non-orthodontic subject
440	Kozer E, Nikfar S, Costei A, Boskovic R, Nulman I, Koren G, et al. Aspirin in early pregnancy is not associated with an increased risk of congenital anomalies - Meta-analysis. <i>Evidence-based Obstetrics and Gynecology</i> . 2003;5(3):113-4.	Non-orthodontic subject
441	Kreutzer K, Stork K, Weitz J. Current evidence regarding prophylactic antibiotics in head and neck and maxillofacial surgery. <i>BioMed Research International</i> . 2014;2014.	Non-orthodontic subject
442	Kuo CL, Tsao YH, Cheng HM, Lien CF, Hsu CH, Huang CY, et al. Grommets for otitis media with effusion in children with cleft palate: A systematic review. <i>Pediatrics</i> . 2014;134(5):983-94.	Non-orthodontic subject
443	Kusters DM, Lahsinoui HH, Van De Post JAM, Wiegman A, Wijburg FA, Kastelein JJP, et al. Statin use during pregnancy: A systematic review and meta-analysis. <i>Expert Review of Cardiovascular Therapy</i> . 2012;10(3):363-78.	Non-orthodontic subject
444	Lamont RF, Jaggar AN. Emerging drug therapies for preventing spontaneous preterm labor and preterm birth. <i>Expert Opinion on Investigational Drugs</i> . 2007;16(3):337-45.	Non-orthodontic subject
445	Lassi ZS, Imam AM, Dean SV, Bhutta ZA. Preconception care: Preventing and treating infections. <i>Reproductive Health</i> . 2014;11.	Non-orthodontic subject
446	Lauritsen K. Cyclosporin in inflammatory bowel disease: Still an experimental option? <i>European Journal of Gastroenterology and Hepatology</i> . 1994;6(6):495-8.	Non-orthodontic subject
447	Lavigne JV, Faieroutman J. Psychological Adjustment to Pediatric Physical Disorders - a Meta-Analytic Review. <i>Journal of pediatric psychology</i> . 1992;17(2):133-57.	Non-orthodontic subject
448	Leira Y, Seoane J, Blanco M, Rodríguez-Yáñez M, Takkouche B, Blanco J, et al. Association between periodontitis and ischemic stroke: a systematic review and meta-analysis. <i>European Journal of Epidemiology</i> . 2016;1-11.	Non-orthodontic subject
449	Leonardi-Bee J, Britton J, Venn A. Secondhand Smoke and Adverse Fetal Outcomes in Nonsmoking Pregnant Women: A Meta-analysis. <i>Pediatrics</i> . 2011;127(4):734-41.	Non-orthodontic subject
450	Leschziner GD, Andrew T, Pirmohamed M, Johnson MR. ABCB1 genotype and PGP expression, function and therapeutic drug response: A critical review and recommendations for future research. <i>Pharmacogenomics Journal</i> . 2007;7(3):154-79.	Non-orthodontic subject
451	Leslie EJ, Standley J, Compton J, Bale S, Schutte BC, Murray JC. Comparative analysis of IRF6 variants in families with Van der Woude syndrome and popliteal pterygium syndrome using public whole-exome databases. <i>Genetics in Medicine</i> . 2013;15(5):338-44.	Non-orthodontic subject
452	Levey L, Ragan K, Hower-Hartley A, Newport DJ, Stowe ZN. Psychiatric disorders in pregnancy. <i>Neurologic Clinics</i> . 2004;22(4 SPEC. ISS.):863-93.	Non-orthodontic subject
453	Li C, Li Z, Zeng X, Guo Z. Is a polymorphism in 10q25 associated with non-syndromic cleft lip with or without cleft palate? A meta-analysis based on limited evidence. <i>The British journal of oral &amp; maxillofacial surgery</i> . 2015;53(1):8-12.	Non-orthodontic subject
454	Li C, Su N, Yang X, Yang X, Shi Z, Li L. Ultrasonography for detection of disc displacement of temporomandibular joint: A systematic review and meta-analysis. <i>Journal of Oral and Maxillofacial Surgery</i> . 2012;70(6):1300-9.	Non-orthodontic subject
455	Li C, Yang X, Pan J, Shi Z, Li L. Graft for prevention of frey syndrome after parotidectomy: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Oral and Maxillofacial Surgery</i> . 2013;71(2):419-27.	Non-orthodontic subject
456	Li C, Yin X, Wu W, Li X, Zhou B. Genetic variants in TERT-CLPTM1L genetic region associated with several types of cancer: a meta-analysis. <i>Gene</i> . 2013;526(2):390-9.	Non-orthodontic subject
457	Li C, Zhang Y, Lv J, Shi Z. Inferior or double joint spaces injection versus superior joint space injection for temporomandibular disorders: A systematic review and meta-analysis. <i>Journal of Oral and Maxillofacial Surgery</i> . 2012;70(1):37-44.	Non-orthodontic subject
458	Li GC, Jiang YB. Amelioration of motor function with low-molecular weight heparin in patients with acute cerebral infarction. <i>Chinese Journal of Clinical Rehabilitation</i> . 2004;8(31):6840-2.	Non-orthodontic subject
459	Li J, Huang Z, Mei L, Li G, Li H. Anti-Caries Effect of Arginine-Containing Formulations in vivo: A Systematic Review and Meta-Analysis. <i>Caries research</i> . 2015;49(6):606-17.	Non-orthodontic subject
460	Li L, Deng C, Chen S, Zhang S, Wu Z, Hu C, et al. Meta-analysis: Diagnostic accuracy of anti-carbamylated protein antibody for rheumatoid arthritis. <i>PLoS one</i> . 2016;11(7).	Non-orthodontic subject
461	Li LW, Wong HM, Sun L, Wen YF, McGrath CP. Anthropometric measurements and periodontal diseases in children and adolescents: a systematic review and meta-analysis. <i>Advances in nutrition (Bethesda, Md)</i> . 2015;6(6):828-41.	Non-orthodontic subject
462	Li Q, Hao S, Fang J, Xie J, Kong XH, Yang JX. Effect of non-surgical periodontal treatment on glycemic control of patients with diabetes: A meta-analysis	Non-orthodontic subject

	of randomized controlled trials. <i>Trials</i> . 2015;16(1).	
463	Li SM, Guo LW, Ding L. Periodic versus yakang for chronic periodontitis in adults: A meta-analysis. <i>Chinese Journal of Evidence-Based Medicine</i> . 2013;13(2):224-30.	Non-orthodontic subject
464	Li W, Zhu Y, Singh P, Ajmera DH, Song J, Ji P. Association of common variants in MMPs with periodontitis risk. <i>Disease markers</i> . 2016;2016.	Non-orthodontic subject
465	Li XY, Lin L, Pan YP, Guo LC. Effect of local application of metronidazole with scaling and root planing: A meta-analysis. <i>Chinese Journal of Evidence-Based Medicine</i> . 2009;9(11):1226-30.	Non-orthodontic subject
466	Li Z, Jun Y, Zhong-bao R, Jie L, Jian-ming L. Association between MTHFR C677T polymorphism and congenital heart disease A family-based meta-analysis. <i>Herz</i> . 2015;40:160-7.	Non-orthodontic subject
467	Li ZX, Gao ZL, Wang JN, Guo QH. Maternal Coffee Consumption During Pregnancy and Neural Tube Defects in Offspring: A Meta-Analysis. <i>Fetal and Pediatric Pathology</i> . 2016;35(1):1-9.	Non-orthodontic subject
468	Lichtenstein GR, Abreu MT, Cohen R, Tremaine W. American gastroenterological association institute technical review on corticosteroids, immunomodulators, and infliximab in inflammatory bowel disease. <i>Gastroenterology</i> . 2006;130(3):940-87.	Non-orthodontic subject
469	Lidral AC, Moreno LM. Progress toward discerning the genetics of cleft lip. <i>Current opinion in pediatrics</i> . 2005;17(6):731-9.	Non-orthodontic subject
470	Lie RT, Lyngstadaas A, Orstavik KH, Bakkeiteig LS, Jacobsen G, Tanbo T. Birth defects in children conceived by ICSI compared with children conceived by other IVF-methods: a meta-analysis. <i>International journal of epidemiology</i> . 2005;34(3):696-701.	Non-orthodontic subject
471	Lin S, McKenna SJ, Yao CF, Chen YR, Chen C. Effects of Hypotensive Anesthesia on Reducing Intraoperative Blood Loss, Duration of Operation, and Quality of Surgical Field During Orthognathic Surgery: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>J Oral Maxillofac Surg</i> . 2016.	Non-orthodontic subject
472	Little J, Cardy A, Munger RG. Tobacco smoking and oral clefts : a meta-analysis / Julian Little, Amanda Cardy and Ronald G. Munger. 2003.	Non-orthodontic subject
473	Little J, Cardy A, Munger RG. Tobacco smoking and oral clefts: a meta-analysis. <i>Bulletin of the World Health Organization</i> . 2004;82(3):213-8.	Non-orthodontic subject
474	Liu CL, Zang XX, Wang C, Kong YL, Zhang H, Zhang HY. Association between CLPTM1L-TERT rs401681 polymorphism and risk of pancreatic cancer: a meta-analysis. <i>Clinical and experimental medicine</i> . 2015;15(4):477-82.	Non-orthodontic subject
475	Liu L, Wei Z, Sun Z, Yin X. The relationship between infection of human papilloma virus and risk of chinese oral squamous cell carcinoma. <i>International journal of clinical and experimental medicine</i> . 2016;9(6):11680-3.	Non-orthodontic subject
476	Liu LH, Li EM, Zhong SL, Li YQ, Yang ZY, Kang R, et al. Chronic periodontitis and the risk of erectile dysfunction: a systematic review and meta-analysis. <i>International Journal of Impotence Research</i> . 2016.	Non-orthodontic subject
477	Liu LL, Guo FL, Gu BY. Association between the T538C polymorphism in bone morphogenetic protein 4 and the risk of non-Syndromic cleft lip with or without cleft palate: A meta-analysis. <i>Chinese Journal of Evidence-Based Medicine</i> . 2015;15(6):633-8.	Non-orthodontic subject
478	Liu Q, Jiao Y, Zhao Y, Wang Y, Li J, Ma S, et al. Tea consumption reduces the risk of oral cancer: A systematic review and meta-analysis. <i>International journal of clinical and experimental medicine</i> . 2016;9(2):2688-97.	Non-orthodontic subject
479	Liu Y, Bai N, Song G, Zhang X, Hu J, Zhu S, et al. Open versus closed treatment of unilateral moderately displaced mandibular condylar fractures: a meta-analysis of randomized controlled trials. <i>Oral surgery, oral medicine, oral pathology and oral radiology</i> . 2013;116(2):169-73.	Non-orthodontic subject
480	Liu Z, Liu Y, Song Y, Zhang X, Wang S, Wang Z. Systemic oxidative stress biomarkers in chronic periodontitis: A meta-analysis. <i>Disease markers</i> . 2014;2014.	Non-orthodontic subject
481	Lo A, Alloway RR. Strategies to reduce toxicities and improve outcomes in renal transplant recipients. <i>Pharmacotherapy</i> . 2002;22(3 II):316-28.	Non-orthodontic subject
482	Loesche WJ. Role of anaerobic bacteria in periodontal disease. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> . 1991;100(9 II SUPPL. 154):43-5.	Non-orthodontic subject
483	Loesche WJ. The diagnosis and treatment of anaerobic periodontal infections. <i>Infections in Medicine</i> . 1998;15(11):788-90+92-97.	Non-orthodontic subject
484	Lohmander A, Olsson M. Methodology for Perceptual Assessment of Speech in Patients with Cleft Palate: A Critical Review of the Literature. <i>Cleft Palate-Craniofacial Journal</i> . 2004;41(1):64-70.	Non-orthodontic subject
485	Long H, Zhou Y, Liao L, Pyakurel U, Wang Y, Lai W. Coronectomy vs. total removal for third molar extraction: a systematic review. <i>Journal of dental research</i> . 2012;91(7):659-65.	Non-orthodontic subject
486	Long H, Zhou Y, Ye N, Liao L, Jian F, Wang Y, et al. Diagnostic accuracy of CBCT for tooth fractures: a meta-analysis. <i>Journal of dentistry</i> . 2014;42(3):240-8.	Non-orthodontic subject
487	Lowe GDO. Dental Disease, Coronary Heart Disease and Stroke, and Inflammatory Markers: What Are the Associations, and What Do They Mean? <i>Circulation</i> . 2004;109(9):1076-8.	Non-orthodontic subject
488	Lu XC, Yu W, Tao Y, Zhao PL, Li K, Tang LJ, et al. Contribution of transforming growth factor alpha polymorphisms to nonsyndromic orofacial clefts: a HuGE review and meta-analysis. <i>American journal of epidemiology</i> . 2014;179(3):267-81.	Non-orthodontic subject
489	Ludwig KU, Ahmed ST, Bohmer AC, Sangani NB, Varghese S, Klamt J, et al. Meta-analysis Reveals Genome-Wide Significance at 15q13 for Nonsyndromic Clefting of Both the Lip and the Palate, and Functional Analyses Implicate GREM1 As a Plausible Causative Gene. <i>PLoS genetics</i> . 2016;12(3):e1005914.	Non-orthodontic subject
490	Ludwig KU, Böhmer AC, Peters H, Graf D, Gültepe P, AlChawa T, et al. Identification of a novel susceptibility locus for nonsyndromic cleft lip and palate at chromosome 15q13. <i>Medizinische Genetik</i> . 2014;26(1):80.	Non-orthodontic subject
491	Ludwig KU, Bohmer AC, Rubini M, Mossey PA, Herms S, Nowak S, et al. Strong association of variants around FOXE1 and orofacial clefting. <i>Journal of dental research</i> . 2014;93(4):376-81.	Non-orthodontic subject
492	Ludwig KU, Böhmer AC, Schuenke H, Klamt J, Hecker J, Barth S, et al. Nonsyndromic cleft lip with or without cleft palate: Genomewide imputation identifies four novel risk loci and an enrichment of association signals in enhancer datasets relevant to craniofacial development. <i>Medizinische Genetik</i> . 2015;27(1):106.	Non-orthodontic subject
493	Ludwig KU, Herms S, Knapp M, Nothen MM, Mangold E. Genome-Wide Meta-Analysis of Nonsyndromic Cleft Lip With or Without Cleft Palate (NSCL/P) Identifies Multiple New Loci. <i>American Journal of Medical Genetics Part A</i> . 2014;164(4):880-.	Non-orthodontic subject
494	Ludwig KU, Mangold E, Herms S, Nowak S, Reutter H, Paul A, et al. Genome-wide meta-analyses of nonsyndromic cleft lip with or without cleft palate identify six new risk loci. <i>Nature genetics</i> . 2012;44(9):968-71.	Non-orthodontic subject
495	Ludwig KU, Wahle P, Reutter H, Paredes-Zenteno M, Munoz-Jimenez SG, Ortiz-Lopez R, et al. Evaluating eight newly identified susceptibility loci for nonsyndromic cleft lip with or without cleft palate in a Mesoamerican population. <i>Birth defects research Part A, Clinical and molecular teratology</i> . 2014;100(1):43-7.	Non-orthodontic subject
496	Lukacs JR. Meta-analyses reveal direction and timing of sex and gender differences in oral health. <i>American Journal of Physical Anthropology</i> . 2012;147:197.	Non-orthodontic subject
497	Luo X, Lamsal LP, Xu WJ, Lu J, Lu YJ, Shen Y, et al. Genetic variant in CLPTM1L confers reduced risk of lung cancer: a replication study in Chinese and a meta-analysis. <i>Asian Pacific journal of cancer prevention : APJCP</i> . 2014;15(21):9241-7.	Non-orthodontic subject
498	Luo YL, Cheng YL, Ye P, Wang W, Gao XH, Chen Q. Association between MTHFR polymorphisms and orofacial clefts risk: a meta-analysis. <i>Birth defects research Part A, Clinical and molecular teratology</i> . 2012;94(4):237-44.	Non-orthodontic subject
499	Luque-Martinez I, Reis A, Schroeder M, Munoz MA, Loguerio AD, Masterson D, et al. Comparison of efficacy of tray-delivered carbamide and hydrogen peroxide for at-home bleaching: a systematic review and meta-analysis. <i>Clinical oral investigations</i> . 2016;20(7):1419-33.	Non-orthodontic subject
500	Luteijn JM, Brown MJ, Dolk H. Influenza and congenital anomalies: a systematic review and meta-analysis. <i>Human reproduction (Oxford, England)</i> . 2014;29(4):809-23.	Non-orthodontic subject
501	Lynch SE, Lavin PT, Genco RJ, Beasley WG, Wisner-Lynch LA. New composite endpoints to assess efficacy in periodontal therapy clinical trials. <i>Journal of periodontology</i> . 2006;77(8):1314-22.	Non-orthodontic subject
502	Ma J, Jiang H, Liang L. Interpositional arthroplasty versus reconstruction arthroplasty for temporomandibular joint ankylosis: A systematic review and meta-analysis. <i>J Craniomaxillofac Surg</i> . 2015;43(7):1202-7.	Non-orthodontic subject
503	Ma L, Chu WM, Zhu J, Wu YN, Wang ZL. Interleukin-1β (3953/4) C→T polymorphism increases the risk of chronic periodontitis in Asians: Evidence from a meta-analysis of 20 case-control studies. <i>Archives of Medical Science</i> . 2015;11(2):267-73.	Non-orthodontic subject
504	Maarse W, Berge S, Pistorius L, Barneveld T, Kon M, Breugem C, et al. Diagnostic accuracy of transabdominal ultrasound in detecting prenatal cleft lip and palate: a systematic review. <i>Ultrasound in Obstetrics and Gynecology</i> . 2010; 35(4):495-502 pp.]	Non-orthodontic subject
505	MacDonald DS. A systematic review of the literature of nevoid basal cell carcinoma syndrome affecting East Asians and North Europeans. <i>Oral surgery, oral medicine, oral pathology and oral radiology</i> . 2015;120(3):396-407.	Non-orthodontic subject
506	MacDonald-Jankowski DS, Yeung R, Lee KM, Li TK. Odontogenic myxomas in the Hong Kong Chinese: clinico-radiological presentation and systematic review. <i>Dento maxillo facial radiology</i> . 2002;31(2):71-83.	Non-orthodontic subject
507	Machado E, Machado P, Cunali PA. Use of chondroitin sulphate and glucosamine sulphate in degenerative changes in TMJ: A systematic review. <i>Dental Press J Orthod</i> . 2012;17(4):19.e1-e5.	Non-orthodontic subject
508	Mahadevan U. Fertility and pregnancy in the patient with inflammatory bowel disease. <i>Gut</i> . 2006;55(8):1198-206.	Non-orthodontic subject
509	Mangold E, Böhmer AC, Ishorst N, Hofmann A, Hoebe AK, Gültepe P, et al. Sequencing the GRHL3 coding region reveals rare truncating mutations and the first common susceptibility variant for nonsyndromic cleft palate. <i>Medizinische Genetik</i> . 2016;28(1):101.	Non-orthodontic subject
510	Manickam PV, Shott SR, Boss EF, Cohen AP, Meinen-Derr JK, Amin RS, et al. Systematic review of site of obstruction identification and non-CPAP	Non-orthodontic subject

	treatment options for children with persistent pediatric obstructive sleep apnea. <i>Laryngoscope</i> . 2016;126(2):491-500.	
511	Manipal S, Hussain S, Wadgave U, Duraiswamy P, Ravi K. The Mouthwash War - Chlorhexidine vs. Herbal Mouth Rinses: A Meta-Analysis. <i>Journal of clinical and diagnostic research : JCDR</i> . 2016;10(5):Zc81-3.	Non-orthodontic subject
512	Marazita ML, Murray JC, Cooper M, Goldstein T, Schultz R, Daak-Hirsch S, et al. Meta-analysis of 11 genome scans for cleft lip with or without cleft palate. <i>American journal of human genetics</i> . 2003;73(5):177-.	Non-orthodontic subject
513	Marazita ML, Murray JC, Lidral AC, Arcos-Burgos M, Cooper ME, Goldstein T, et al. Meta-analysis of 13 genome scans reveals multiple cleft lip/palate genes with novel loci on 9q21 and 2q32-35. <i>American journal of human genetics</i> . 2004;75(2):161-73.	Non-orthodontic subject
514	Mardini HE, Schwartz DA. Treatment of perianal fistula and abscess: Crohn's and non-Crohn's. <i>Current Treatment Options in Gastroenterology</i> . 2007;10(3):211-20.	Non-orthodontic subject
515	Martín-Cabezas R, Seelam N, Petit C, Agossa K, Gaertner S, Tenenbaum H, et al. Association between periodontitis and arterial hypertension: A systematic review and meta-analysis. <i>American Heart Journal</i> . 2016;180:98-112.	Non-orthodontic subject
516	Martínez-Frías ML, Martín Bermejo M, Ayala Garcés A, Pardo Romero M, Bermejo Sánchez E, Urioste Azcorra M. The Hay-Wells syndrome, its incidence in Spain and a review of the literature. <i>Anales españoles de pediatría</i> . 1996;45(1):101-4.	Non-orthodontic subject
517	Martins E, Silva JC, Pires CA, Ponces-Ramalhao MJ, Lopes JD. Coronal joint spaces of the Temporomandibular joint: Systematic review and meta-analysis. <i>Journal of clinical and experimental dentistry</i> . 2015;7(3):e435-40.	Non-orthodontic subject
518	Matalon S, Schechtman S, Goldzweig G, Ornoy A. The teratogenic effect of carbamazepine: a meta-analysis of 1255 exposures. <i>Reproductive toxicology (Elmsford, NY)</i> . 2002;16(1):9-17.	Non-orthodontic subject
519	Matusiewicz H. Potential release of in vivo trace metals from metallic medical implants in the human body: From ions to nanoparticles - A systematic analytical review. <i>Acta Biomaterialia</i> . 2014;10(6):2379-403.	Non-orthodontic subject
520	McCallum I, King PM, Bruce J. Healing by primary versus secondary intention after surgical treatment for pilonidal sinus. <i>Cochrane Database Syst Rev</i> 2007(4):Cd006213.	Non-orthodontic subject
521	McDonald S, Langton HCD, Nunez DA. Grommets (ventilation tubes) for recurrent acute otitis media in children. <i>Cochrane Database of Systematic Reviews</i> . 2008; (4). Available from: <a href="http://online.library.wiley.com/doi/10.1002/14651858.CD004741.pub2/abstract">http://online.library.wiley.com/doi/10.1002/14651858.CD004741.pub2/abstract</a>	Non-orthodontic subject
522	McKeigue PM, Lamm SH, Linn S, Kutcher JS. Bendectin and birth defects: I. A meta-analysis of the epidemiologic studies. <i>Teratology</i> . 1994;50(1):27-37.	Non-orthodontic subject
523	Mealey BL, Oates TW. Diabetes mellitus and periodontal diseases. <i>Journal of periodontology</i> . 2006;77(8):1289-303.	Non-orthodontic subject
524	Medici M, van der Deure WM, Verbiest M, Vermeulen SH, Hansen PS, Kiemeny LA, et al. A large-scale association analysis of 68 thyroid hormone pathway genes with serum TSH and FT4 levels. <i>European Journal of Endocrinology</i> . 2011;164(5):781-8.	Non-orthodontic subject
525	Menchero-Cantalejo E, Barona-Dorado C, Cantero-Alvarez M, Fernández-Cáliz F, Martínez-González JM. Meta-analysis on the survival of short implants. <i>Medicina oral, patología oral y cirugía bucal</i> . 2011;16(4):e546-e51.	Non-orthodontic subject
526	Mendelson ZS, Husain G, Elmoursi S, Svider PF, Eloy JA, Liu JK. Rathke's cleft cyst recurrence after transsphenoidal surgery: a meta-analysis of 1151 cases. <i>J Clin Neurosci</i> 2014;21(3):378-85.	Non-orthodontic subject
527	Mendoza Hernández JL, Taxonera C, Lana R, Alba C, García-Paredes J, Díaz-Rubio M. Diagnostic and treatment recommendations on perianal Crohn's disease. <i>Revista Española de Enfermedades Digestivas</i> . 2005;97(1):46-56.	Non-orthodontic subject
528	Meurman JH, Sanz M, Janket SJ. Oral health, atherosclerosis, and cardiovascular disease. <i>Critical Reviews in Oral Biology and Medicine</i> . 2004;15(6):403-13.	Non-orthodontic subject
529	Mijiti A, Ling W, Guli, Moming A. Association of single-nucleotide polymorphisms in the IRF6 gene with non-syndromic cleft lip with or without cleft palate in the Xinjiang Uyghur population. <i>British Journal of Oral and Maxillofacial Surgery</i> . 2015;53(3):268-74.	Non-orthodontic subject
530	Miki T, Reo T, Tohru K, Joseph B, Gideon K, Elizabeth U, et al. Risks of congenital malformations in offspring exposed to valproic acid in utero: Emergence of the signals over the last 30 years. <i>Journal of Population Therapeutics and Clinical Pharmacology</i> . 2014;21(2):e277.	Non-orthodontic subject
531	Mikulewicz M, Chojnacka K, Gedrange T, Gorecki H. Reference values of elements in human hair: a systematic review. <i>Environmental toxicology and pharmacology</i> . 2013;36(3):1077-86.	Non-orthodontic subject
532	Milinkovic I, Cordaro L. Are there specific indications for the different alveolar bone augmentation procedures for implant placement? A systematic review. <i>International journal of oral and maxillofacial surgery</i> . 2014;43(5):606-25.	Non-orthodontic subject
533	Miller SA. Efficiently Accessing the Evidence for Dental Practitioners. <i>Journal of Evidence-Based Dental Practice</i> . 2009;9(3):113-21.	Non-orthodontic subject
534	Minckler D, Vedula SS, Li T, Mathew M, Ayyala R, Francis B. Aqueous shunts for glaucoma. <i>Cochrane Database of Systematic Reviews</i> . 2006; (2).	Non-orthodontic subject
535	Mitchell LE, Beaty TH, Lidral AC, Munger RG, Murray JC, Saal HM, et al. Guidelines for the design and analysis of studies on nonsyndromic cleft lip and cleft palate in humans: summary report from a Workshop of the International Consortium for Oral Clefts Genetics. <i>Cleft Palate Craniofac J</i> 2002;39(1):93-100.	Non-orthodontic subject
536	Mitchell LE. Transforming growth factor alpha locus and nonsyndromic cleft lip with or without cleft palate: a reappraisal. <i>Genetic epidemiology</i> . 1997;14(3):231-40.	Non-orthodontic subject
537	Mocellin S, Verdi D, Pooley KA, Landi MT, Egan KM, Baird DM, et al. Telomerase reverse transcriptase locus polymorphisms and cancer risk: a field synopsis and meta-analysis. <i>Journal of the National Cancer Institute</i> . 2012;104(11):840-54.	Non-orthodontic subject
538	Mok CC. Therapeutic Options for Resistant Lupus Nephritis. <i>Seminars in Arthritis and Rheumatism</i> . 2006;36(2):71-81.	Non-orthodontic subject
539	Mok KY, Sheerin U, Simón-Sánchez J, Salaka A, Chester L, Escott-Price V, et al. Deletions at 22q11.2 in idiopathic Parkinson's disease: A combined analysis of genome-wide association data. <i>The Lancet Neurology</i> . 2016;15(6):585-96.	Non-orthodontic subject
540	Molina-Solana R, Yanez-Vico RM, Iglesias-Linares A, Mendoza-Mendoza A, Solano-Reina E. Current concepts on the effect of environmental factors on cleft lip and palate. <i>International journal of oral and maxillofacial surgery</i> . 2013;42(2):177-84.	Non-orthodontic subject
541	Moraschini V, Porto Barboza E. Immediate versus conventional loaded single implants in the posterior mandible: A meta-analysis of randomized controlled trials. <i>International journal of oral and maxillofacial surgery</i> . 2016;45(1):85-92.	Non-orthodontic subject
542	Morency AM, Bujold E. The Effect of Second-Trimester Antibiotic Therapy on the Rate of Preterm Birth. <i>Journal of Obstetrics and Gynaecology Canada</i> . 2007;29(1):35-44.	Non-orthodontic subject
543	Morimoto S, Rebello de Sampaio FB, Braga MM, Sesma N, Ozcan M. Survival Rate of Resin and Ceramic Inlays, Onlays, and Overlays: A Systematic Review and Meta-analysis. <i>Journal of dental research</i> . 2016;95(9):985-94.	Non-orthodontic subject
544	Morton S, Thangaratnam S. Statins in pregnancy. <i>Current Opinion in Obstetrics and Gynecology</i> . 2013;25(6):433-40.	Non-orthodontic subject
545	Mosler AB, Agrícola R, Weir A, Holmich P, Crossley KM. Which factors differentiate athletes with hip/groin pain from those without? A systematic review with meta-analysis. <i>British journal of sports medicine</i> . 2015;49(12):810.	Non-orthodontic subject
546	Mulcahy MF, Benson IJ. Bevacizumab in the treatment of colorectal cancer. <i>Expert Opinion on Biological Therapy</i> . 2005;5(7):997-1005.	Non-orthodontic subject
547	Müller HP. Does chronic periodontitis play a role in the pathogenesis of cardiovascular and cerebrovascular diseases? <i>Gesundheitswesen</i> . 2002;64(2):89-98.	Non-orthodontic subject
548	Munabi N, Swanson J, Auslander A, Sanchez P, Davidson Ward SL, Magee W. Incidence of congenital heart disease in nonsyndromic cleft lip and/or palate: A systematic review of the literature. <i>Cleft Palate-Craniofacial Journal</i> . 2016;53(4):e128.	Non-orthodontic subject
549	Murphy GR, Glass GE, Jain A. The Efficacy and Safety of Tranexamic Acid in Cranio-Maxillofacial and Plastic Surgery. <i>The Journal of craniofacial surgery</i> . 2016;27(2):374-9.	Non-orthodontic subject
550	Murphy VE, Schatz M. Asthma in pregnancy: a hit for two. <i>European respiratory review : an official journal of the European Respiratory Society</i> . 2014;23(131):64-8.	Non-orthodontic subject
551	Murphy VE, Wang G, Namazy JA, Powell H, Gibson PG, Chambers C, et al. The risk of congenital malformations, perinatal mortality and neonatal hospitalisation among pregnant women with asthma: a systematic review and meta-analysis. <i>BJOG : an international journal of obstetrics and gynaecology</i> . 2013;120(7):812-22.	Non-orthodontic subject
552	Namazy JA, Murphy VE, Powell H, Gibson PG, Chambers CD, Schatz M. Congenital anomalies in asthmatic women using corticosteroids during pregnancy: A meta analysis from published data. <i>Birth Defects Research Part A - Clinical and Molecular Teratology</i> . 2010;88(5):364.	Non-orthodontic subject
553	Nascimento GG, Leite FRM, Conceição DA, Ferrúa CP, Singh A, Demarco FF. Is there a relationship between obesity and tooth loss and edentulism? A systematic review and meta-analysis. <i>Obesity Reviews</i> . 2016;17(7):587-98.	Non-orthodontic subject
554	Neelepu BC, Kharbada OP, Sardana HK, Balachandran R, Sardana V, Kapoor P, et al. Craniofacial and upper airway morphology in adult obstructive sleep apnea patients: A systematic review and meta-analysis of cephalometric studies. <i>Sleep medicine reviews</i> . 2016.	Non-orthodontic subject
555	Ni Y, Li H, Zhang Y, Zhang H, Pan Y, Ma J, et al. Association of IL-6 G-174C polymorphism with bone mineral density. <i>Journal of Bone and Mineral Metabolism</i> . 2014;32(2):167-73.	Non-orthodontic subject
556	Nickl-Jockschat T, Janouschek H, Eickhoff SB, Eickhoff CR. No meta-analytic evidence for an association between COMT VAL158MET genotype on brain activation during working memory tasks. <i>Biological Psychiatry</i> . 2015;77(9):4045.	Non-orthodontic subject
557	Nicoletti D, Appel LD, Neto PS, Guimarães GW, Zhang LJ. Maternal smoking during pregnancy and birth defects in children: a systematic review with meta-analysis. <i>Cadernos De Saude Publica</i> . 2014;30(12):2491-529.	Non-orthodontic subject
558	Nieuwenhuijsen RJ, Martinez D, Grellier J, Bennett J, Best N, Iszatt N, et al. Chlorination disinfection by-products in drinking water and congenital anomalies: Review and meta-analyses. <i>Ciencia e Saude Coletiva</i> . 2010;15(SUPPL. 2):3109-23.	Non-orthodontic subject

559	Nieuwenhuijsen MJ, Martinez D, Grellier J, Bennett J, Best N, Iszatt N, et al. Chlorination disinfection by-products in drinking water and congenital anomalies: review and meta-analyses. <i>Environmental health perspectives</i> . 2009;117(10):1486-93.	Non-orthodontic subject
560	Nishi SE, Basri R, Alam MK. Uses of electromyography in dentistry: An overview with meta-analysis. <i>European journal of dentistry</i> . 2016;10(3):419-25.	Non-orthodontic subject
561	Noble S, Markham A. Cyclosporin: A review of the pharmacokinetic properties, clinical efficacy and tolerability of a microemulsion-based formulation (Neoral®). <i>Drugs</i> . 1995;50(5):924-41.	Non-orthodontic subject
562	Nogueira RJN, Lima AES, Ribeiro AF, Gil-Da-Silva-Lopes VL. A proposal of an algorithm for pre-surgical nutritional intervention in orofacial clefts babies. <i>Clinical Nutrition, Supplement</i> . 2012;7(1):137.	Non-orthodontic subject
563	Norman A, Persson M, Stock N, Rumsey N, Sandy J, Waylen A, et al. The effectiveness of psychosocial intervention for individuals with cleft lip and/or palate. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):[epub p.].	Non-orthodontic subject
564	Norman G, Dumville JC, Mohapatra DP, Owens GL, Crosbie EJ. Antibiotics and antiseptics for surgical wounds healing by secondary intention. <i>Cochrane Database of Systematic Reviews</i> . 2016; (3). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD0111712.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD0111712.pub2/abstract</a>	Non-orthodontic subject
565	O'Connor A, Swick AG. Interface between pharmacotherapy and genes in human obesity. <i>Human Heredity</i> . 2013;75(2-4):116-26.	Non-orthodontic subject
566	Odaka M. Chronic inflammatory demyelinating polyneuropathy: A treatment protocol proposal. <i>Expert Review of Neurotherapeutics</i> . 2006;6(3):365-79.	Non-orthodontic subject
567	Ohbayashi H. Current synthetic inhibitors of human neutrophil elastase in 2005. <i>Expert Opinion on Therapeutic Patents</i> . 2005;15(7):759-71.	Non-orthodontic subject
568	Oliveira CA, Tannure PN, de Souza IP, Maia LC, Portela MB, Castro GF. Is dental caries experience increased in HIV-infected children and adolescents? A meta-analysis. <i>Acta odontologica Scandinavica</i> . 2015;73(7):481-7.	Non-orthodontic subject
569	Olsen JJ, Skov J, Ingerslev J, Thorn JJ, Pinholt EM. Prevention of Bleeding in Orthognathic Surgery--A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>J Oral Maxillofac Surg</i> . 2016;74(1):139-50.	Non-orthodontic subject
570	Oomens MA, Verlinden CR, Goey Y, Forouzanfar T. Prescribing antibiotic prophylaxis in orthognathic surgery: a systematic review. <i>International journal of oral and maxillofacial surgery</i> . 2014;43(6):725-31.	Non-orthodontic subject
571	Oren D, Nulman I, Makhija M, Ito S, Koren G. Using corticosteroids during pregnancy. Are topical, inhaled, or systemic agents associated with risk? <i>Canadian family physician Medecin de famille canadien</i> . 2004;50:1083-5.	Non-orthodontic subject
572	Orlandi M, Suvan J, Petrie A, Donos N, Masi S, Hingorani A, et al. Association between periodontal disease and its treatment, flow-mediated dilatation and carotid intima-media thickness: A systematic review and meta-analysis. <i>Atherosclerosis</i> . 2014;236(1):39e46.	Non-orthodontic subject
573	Østensen M, Førgner F. How safe are anti-rheumatic drugs during pregnancy? <i>Current Opinion in Pharmacology</i> . 2013;13(3):470-5.	Non-orthodontic subject
574	Pack AM. Therapy Insight: Clinical management of pregnant women with epilepsy. <i>Nature Clinical Practice Neurology</i> . 2006;2(4):190-200.	Non-orthodontic subject
575	Pagani C, Feitosa FA, Esteves SRMS, Miranda GMD, Antunes DP, Carvalho RFD. Dental Hypersensitivity: pre-hybridization as an alternative treatment. <i>Braz dent sci</i> . 2013;16(3):18-25.	Non-orthodontic subject
576	Palacios C, Joshipura KJ, Willett WC. Nutrition and health: Guidelines for dental practitioners. <i>Oral Diseases</i> . 2009;15(6):369-81.	Non-orthodontic subject
577	Palaska PK, Antonarakis GS. Prevalence and patterns of permanent tooth agenesis in individuals with Down syndrome: a meta-analysis. <i>European journal of oral sciences</i> . 2016;124(4):317-28.	Non-orthodontic subject
578	Palmer S, Ruoso M, Pellegrini F, Strippoli GFM. Oral disease in people with chronic kidney disease: A systematic review and meta-analysis of cohort studies. <i>Nephrology Dialysis Transplantation</i> . 2013;28:1265-16.	Non-orthodontic subject
579	Pan X, Wang P, Yin X, Liu X, Li D, Li X, et al. Association between Maternal MTHFR Polymorphisms and Nonsyndromic Cleft Lip with or without Cleft Palate in Offspring. <i>A Meta-Analysis Based on 15 Case-Control Studies</i> . <i>International journal of fertility &amp; sterility</i> . 2015;8(4):463-80.	Non-orthodontic subject
580	Pan Y, Han Y, Zhang H, Zhou L, Li D, Cai Q, et al. Association and cumulative effects of GWAS-identified genetic variants for nonsyndromic orofacial clefts in a Chinese population. <i>Environmental and molecular mutagenesis</i> . 2013;54(4):261-7.	Non-orthodontic subject
581	Pan Y, Zhang W, Ma J, Du Y, Li D, Cai Q, et al. Erratum: Infants' MTHFR polymorphisms and nonsyndromic orofacial clefts susceptibility: A meta-analysis based on 17 case-control studies (Obstetrical and Gynecological Survey (2013) 68:1 (12-13)). <i>Obstetrical and Gynecological Survey</i> . 2013;68(2):157-9.	Non-orthodontic subject
582	Pan Y, Zhang W, Ma J, Du Y, Li D, Cai Q, et al. Infants' MTHFR polymorphisms and nonsyndromic orofacial clefts susceptibility: a meta-analysis based on 17 case-control studies. <i>American journal of medical genetics Part A</i> . 2012;158a(9):2162-9.	Non-orthodontic subject
583	Papageorgiou PN, Deschner J, Papageorgiou SN. Effectiveness and Adverse Effects of Deep Brain Stimulation: Umbrella Review of Meta-Analyses. <i>Journal of neurologic surgery Part A, Central European neurosurgery</i> . 2016.	Non-orthodontic subject
584	Papageorgiou SN, Papageorgiou PN, Deschner J, Gotz W. Comparative effectiveness of natural and synthetic bone grafts in oral and maxillofacial surgery prior to insertion of dental implants: Systematic review and network meta-analysis of parallel and cluster randomized controlled trials. <i>Journal of dentistry</i> . 2016;48:1-8.	Non-orthodontic subject
585	Papageorgiou SN, Reichert C, Jager A, Deschner J. Effect of overweight/obesity on response to periodontal treatment: systematic review and a meta-analysis. <i>Journal of clinical periodontology</i> . 2015;42(3):247-61.	Non-orthodontic subject
586	Parekh S, Gardener C, Ashley PF, Walsh T. Intraoperative local anaesthesia for reduction of postoperative pain following general anaesthesia for dental treatment in children and adolescents. <i>Cochrane Database Syst Rev</i> 2014(12):Cd009742.	Non-orthodontic subject
587	Park JH, Yamaguchi T, Watanabe C, Kawaguchi A, Haneji K, Takeda M, et al. Effects of an Asian-specific nonsynonymous EDAR variant on multiple dental traits. <i>Journal of human genetics</i> . 2012;57(8):508-14.	Non-orthodontic subject
588	Park-Wyllie L, Mazzotta P, Pastuszak A, Moretti ME, Beique L, Hunnisset L, et al. Birth defects after maternal exposure to corticosteroids: prospective cohort study and meta-analysis of epidemiological studies. <i>Teratology</i> . 2000;62(6):385-92.	Non-orthodontic subject
589	Parnham MJ, Haber VE, Giamarellos-Bourboulis EJ, Perletti G, Verleden GM, Vos R. Azithromycin: Mechanisms of action and their relevance for clinical applications. <i>Pharmacology and Therapeutics</i> . 2014;143(2):225-45.	Non-orthodontic subject
590	Patton LL, Shugars DA, Bonito AJ. A systematic review of complication risks for HIV-positive patients undergoing invasive dental procedures. <i>Journal of the American Dental Association</i> (1939). 2002;133(2):195-203.	Non-orthodontic subject
591	Paul JE, Ling E, Lalonde C, Thabane L. Deliberate hypotension in orthopedic surgery reduces blood loss and transfusion requirements: a meta-analysis of randomized controlled trials. <i>Canadian journal of anaesthesia = Journal canadien d'anesthesie</i> . 2007;54(10):799-810.	Non-orthodontic subject
592	Paumgarten FJ. Developmental risks associated with use of psychoactive drugs during pregnancy are largely unknown. <i>Revista Brasileira de Psiquiatria</i> . 2014;36(4):359.	Non-orthodontic subject
593	Pavia M, Nobile CGA, Angellilo IF. Meta-analysis of local tetracycline in treating chronic periodontitis. <i>Journal of periodontology</i> . 2003;74(6):916-32.	Non-orthodontic subject
594	Peleg AY, Weeraratna T, McCarthy JS, Davis TME. Common infections in diabetes: Pathogenesis, management and relationship to glycaemic control. <i>Diabetes/Metabolism Research and Reviews</i> . 2007;23(1):3-13.	Non-orthodontic subject
595	Peltz ID. Evidence lacking to determine whether preoperative analgesic use reduces post dental treatment pain for children. <i>Evidence-based dentistry</i> . 2012;13(4):104.	Non-orthodontic subject
596	Peng L, Bu Z, Zhou Y, Ye X, Liu J, Zhao Q. Hemorrhagic events in cancer patients treated with aflibercept: a meta-analysis. <i>Tumor Biology</i> . 2014;35(9):9419-27.	Non-orthodontic subject
597	Penninga L, Møller CH, Gustafsson F, Steinbrüchel DA, Gluud C. Tacrolimus versus cyclosporine as primary immunosuppression after heart transplantation: Systematic review with meta-analyses and trial sequential analyses of randomised trials. <i>European Journal of Clinical Pharmacology</i> . 2010;66(12):1177-87.	Non-orthodontic subject
598	Perinetti G, Türp JC, Primožič J, Di Lenarda R, Contardo L. Associations between the masticatory system and muscle activity of other body districts. A meta-analysis of surface electromyography studies. <i>Journal of Electromyography and Kinesiology</i> . 2011;21(6):877-84.	Non-orthodontic subject
599	Phillips MF, Quinlivan R. Calcium antagonists for Duchenne muscular dystrophy. <i>Cochrane Database of Systematic Reviews</i> . 2008(4).	Non-orthodontic subject
600	Pillas D, Hoggart CJ, Evans DM, O'Reilly PF, Sipilä K, Lahdesmäki R, et al. Genome-wide association study reveals multiple loci associated with primary tooth development during infancy. <i>PLoS genetics</i> . 2010;6(2):e1000856.	Non-orthodontic subject
601	Pinquart M, Shen Y. Anxiety in children and adolescents with chronic physical illnesses: A meta-analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> . 2011;100(8):1069-76.	Non-orthodontic subject
602	Pinquart M, Shen Y. Depressive symptoms in children and adolescents with chronic physical illness: an updated meta-analysis. <i>Journal of pediatric psychology</i> . 2011;36(4):375-84.	Non-orthodontic subject
603	Pires PS, Medeiros LR, Simões PW, Silva NC, Silva BR, Silva FR, et al. Periodontal therapy and risk of preterm birth: A systematic review and meta-analysis. <i>International Journal of Gynecology and Obstetrics</i> . 2012;119:S747.	Non-orthodontic subject
604	Pittman FA, Kramer A. Efficacy of cetylpyridinium chloride used as oropharyngeal antiseptic. <i>Arzneimittel-Forschung/Drug Research</i> . 2001;51(7):588-95.	Non-orthodontic subject
605	Poklepovic T, Worthington HV, Johnson TM, Sambunjak D, Imai P, Clarkson JE, et al. Interdental brushing for the prevention and control of periodontal diseases and dental caries in adults. <i>Cochrane Database of Systematic Reviews</i> . 2013; (12).	Non-orthodontic subject
606	Polyzos NP, Polyzos IP, Mauri D, Tziros S, Tsappi M, Cortinovis I, et al. Effect of periodontal disease treatment during pregnancy on preterm birth incidence: a meta-analysis of randomized trials. <i>American Journal of Obstetrics and Gynecology</i> . 2009;200(3):225-32.	Non-orthodontic subject
607	Poquet N, Lin C-WC, Heymans MW, van TMW, Esmael R, Koes BW, et al. Back schools for acute and subacute non-specific low-back pain. <i>Cochrane Database of Systematic Reviews</i> . 2016; (4). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD008325.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD008325.pub2/abstract</a>	Non-orthodontic subject
608	Porcu E, Medici M, Pistis G, Volpato CB, Wilson SG, Cappola AR, et al. A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. <i>PLoS genetics</i> . 2013;9(2).	Non-orthodontic subject

609	Prica A, Sholzberg M, Buckstein R. Thrombopoietin (TPO)-receptor agonists in myelodysplastic syndromes (MDS): A systematic review and meta-analysis. <i>Blood</i> . 2013;122(21).	Non-orthodontic subject
610	Proietti E, Rösli M, Frey U, Latzin P. Air pollution during pregnancy and neonatal outcome: A review. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> . 2013;26(1):9-23.	Non-orthodontic subject
611	Pushparaj PN, Aarthi JJ, Biswas S, Jayapal M, Narasimhan K, Al-Qahtani MH. Decrypting the genomic signatures associated with experimental colitis in mice. <i>Immunology</i> . 2012;137:26-7.	Non-orthodontic subject
612	Putku M, Kepp K, Org E, Sober S, Comas D, Viigimaa M, et al. Novel polymorphic AluYb8 insertion in the WNK1 gene is associated with blood pressure variation in Europeans. <i>Human mutation</i> . 2011;32(7):806-14.	Non-orthodontic subject
613	Qu HC, Zhang W, Liu YL, Wang P. Association between polymorphism of beta3-adrenoceptor gene and overactive bladder: a meta-analysis. <i>Genetics and molecular research : GMR</i> . 2015;14(1):2495-501.	Non-orthodontic subject
614	Qu HC, Zhang W, Yan S, Liu YL, Wang P. Urinary nerve growth factor could be a biomarker for interstitial cystitis/painful bladder syndrome: a meta-analysis. <i>PLoS one</i> . 2014;9(9):e106321.	Non-orthodontic subject
615	Que KH, Guo B. Evidence-based practice of pit and fissure sealants. <i>Chinese Journal of Evidence-Based Medicine</i> . 2006;6(2):146-9.	Non-orthodontic subject
616	Queiroz Herkrath AP, Herkrath FJ, Rebelo MA, Vettore MV. Measurement of health-related and oral health-related quality of life among individuals with nonsyndromic orofacial clefts: a systematic review and meta-analysis. <i>Cleft Palate Craniofac J</i> 2015;52(2):157-72.	Non-orthodontic subject
617	Quinlan JD, Hill DA. Nausea and vomiting of pregnancy. <i>American Family Physician</i> . 2003;68(1):121-8.	Non-orthodontic subject
618	Rahimi R, Nikfar S, Rezaei A, Abdollahi M. Comparison of mesalazine and balsalazide in induction and maintenance of remission in patients with ulcerative colitis: A meta-analysis. <i>Digestive Diseases and Sciences</i> . 2009;54(4):712-21.	Non-orthodontic subject
619	Rakhshan V, Rakhshan A. Systematic review and meta-analysis of congenitally missing permanent dentition: Sex dimorphism, occurrence patterns, associated factors and biasing factors. <i>International orthodontics</i> . 2016;14(3):273-94.	Non-orthodontic subject
620	Rakhshan V, Rakhshan H. Meta-analysis and systematic review of the number of non-syndromic congenitally missing permanent teeth per affected individual and its influencing factors. <i>Eur J Orthod</i> 2016;38(2):170-7.	Non-orthodontic subject
621	Rakhshan V. Meta-analysis and systematic review of factors biasing the observed prevalence of congenitally missing teeth in permanent dentition excluding third molars. <i>Prog Orthod</i> 2013;14:33.	Non-orthodontic subject
622	Rakhshan V. Meta-Analysis of Observational Studies on the Most Commonly Missing Permanent Dentition (Excluding the Third Molars) in NonSyndromic Dental Patients or Randomly-Selected Subjects, and the Factors Affecting the Observed Rates. <i>Journal of Clinical Pediatric Dentistry</i> . 2015;39(3):199-208.	Non-orthodontic subject
623	Rao A, Ahmed MK, Taub PJ, Mamoun JS. The Correlation between Maternal Exposure to Air Pollution and the Risk of Orofacial Clefts in Infants: a Systematic Review and Meta-Analysis. <i>Journal of oral &amp; maxillofacial research</i> . 2016;7(1):e2.	Non-orthodontic subject
624	Ratz T, Dean LE, Atzeni F, Reeks C, Macfarlane GJ, Macfarlane TV. A possible link between ankylosing spondylitis and periodontitis: A systematic review and meta-analysis. <i>Rheumatology (United Kingdom)</i> . 2015;54(3):500-10.	Non-orthodontic subject
625	Reinisch W, Dejaco C, Knoflach P, Petritsch W, Vogelsang H, Tilg H. Immunosuppressive therapy for inflammatory bowel disease: Consensus by the Austrian Working Group on IBD. <i>Zeitschrift für Gastroenterologie</i> . 2004;42(9):1033-45.	Non-orthodontic subject
626	Reis A, Dourado Loguerio A, Schroeder M, Luque-Martinez I, Masterson D, Cople Maia L. Does the adhesive strategy influence the post-operative sensitivity in adult patients with posterior resin composite restorations?: A systematic review and meta-analysis. <i>Dental materials : official publication of the Academy of Dental Materials</i> . 2015;31(9):1052-67.	Non-orthodontic subject
627	Renatus A, Herrmann J, Schönfelder A, Schwarzenberger F, Jentsch H. Clinical efficacy of azithromycin as an adjunctive therapy to non-surgical periodontal treatment of periodontitis: A systematic review and meta-analysis. <i>Journal of Clinical and Diagnostic Research</i> . 2016;10(7):ZE01-ZE7.	Non-orthodontic subject
628	Renner TJ, Walitza S, Dempfle A, Eckert L, Romanos M, Gerlach M, et al. Allelic variants of SNAP25 in a family-based sample of ADHD. <i>Journal of Neural Transmission</i> . 2008;115(2):317-21.	Non-orthodontic subject
629	Revuelta MV, van Kan JA, Kay J, Ten Have A. Extensive expansion of A1 family aspartic proteinases in fungi revealed by evolutionary analyses of 107 complete eukaryotic proteomes. <i>Genome biology and evolution</i> . 2014;6(6):1480-94.	Non-orthodontic subject
630	Richardson C, Emery P. Clinical use of cyclosporin in rheumatoid arthritis. <i>Drugs</i> . 1995;50(SUPPL. 1):26-36.	Non-orthodontic subject
631	Roberts RM, Mathias JL, Wheaton P. Cognitive functioning in children and adults with nonsyndromal cleft lip and/or palate: a meta-analysis. <i>Journal of pediatric psychology</i> . 2012;37(7):786-97.	Non-orthodontic subject
632	Robertson L, Wu O, Langhorne P, Twaddle S, Clark P, Lowe GDO, et al. Thrombophilia in pregnancy: A systematic review. <i>British Journal of Haematology</i> . 2006;132(2):171-96.	Non-orthodontic subject
633	Rodríguez-Cabrera MA, Barona-Dorado C, Leco-Berrocal I, Gómez-Moreno G, Martínez-González JM. Extractions without eliminating anticoagulant treatment: A literature review. <i>Medicina oral, patología oral y cirugía bucal</i> . 2011;16(6):00-4.	Non-orthodontic subject
634	Romitti PA, Herring AM, Dennis LK, Wong-Gibbons DL. Meta-analysis: pesticides and orofacial clefts. <i>Cleft Palate Craniofac J</i> 2007;44(4):358-65.	Non-orthodontic subject
635	Rosado P, Cheng H, Wu C, Wei F. Influence of diabetes mellitus on postoperative complications and failure in head and neck free flap reconstruction: a systematic review and meta-analysis. <i>Head and Neck</i> . 2014; (2):[epub p.].	Non-orthodontic subject
636	Ruan C, Long H, Sun H, He M, Yang K, Zhang H, et al. Endovascular coiling vs. surgical clipping for unruptured intracranial aneurysm: A meta-analysis. <i>British Journal of Neurosurgery</i> . 2015;29(4):485-92.	Non-orthodontic subject
637	Ruf S, Klimas D, Honemann M, Jabir S. Genetic background of nonsyndromic oligodontia: a systematic review and meta-analysis. <i>J Orofac Orthop</i> 2013;74(4):295-308.	Non-orthodontic subject
638	Rufo PA, Bouvaros A. Current therapy of inflammatory bowel disease in children. <i>Pediatric Drugs</i> . 2006;8(5):279-302.	Non-orthodontic subject
639	Ruospo M, Palmer S, Vecchio M, Gargano L, Petrucci M, De Benedictis M, et al. Oral disease in people with chronic kidney disease: Meta-analysis of prevalence and association with clinical outcomes. <i>Nephrology Dialysis Transplantation</i> . 2012;27:i394-ii5.	Non-orthodontic subject
640	Rushfeldt C, Soreide K. [Surgical treatment of pilonidal disease]. <i>Tidsskrift for den Norske lægeforening : tidsskrift for praktisk medicin, ny raekke</i> . 2010;130(9):936-9.	Non-orthodontic subject
641	Rutecki GW. Building bridges from primary care to dentistry. <i>Consultant</i> . 2007;47(4):354.	Non-orthodontic subject
642	Ruyssen-Witrand A, Constantin A, Cambon-Thomsen A, Thomsen M. New insights into the genetics of immune responses in rheumatoid arthritis. <i>Tissue Antigens</i> . 2012;80(2):105-18.	Non-orthodontic subject
643	Sabbagh HJ, Hassan MH, Innes NP, Baik AA, Mossey PA. Parental consanguinity and nonsyndromic orofacial clefts in children: a systematic review and meta-analyses. <i>Cleft Palate Craniofac J</i> 2014;51(5):501-13.	Non-orthodontic subject
644	Sabbagh HJ, Hassan MH, Innes NP, Elkodary HM, Little J, Mossey PA. Passive smoking in the etiology of non-syndromic orofacial clefts: a systematic review and meta-analysis. <i>PLoS one</i> . 2015;10(3):e0116963.	Non-orthodontic subject
645	Sahney S. A review of calcium channel antagonists in the treatment of pediatric hypertension. <i>Pediatric Drugs</i> . 2006;8(6):357-73.	Non-orthodontic subject
646	Salam RA, Zuberi NF, Bhutta ZA. Pyridoxine (vitamin B6) supplementation during pregnancy or labour for maternal and neonatal outcomes. <i>Cochrane Database Syst Rev</i> 2015(6):Cd000179.	Non-orthodontic subject
647	Salmasi G, Grady R, Jones J, McDonald SD. Environmental tobacco smoke exposure and perinatal outcomes: a systematic review and meta-analyses. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> . 2010;89(4):423-41.	Non-orthodontic subject
648	Salvi GE, Lang NP. The effects of non-steroidal anti-inflammatory drugs (selective and non-selective) on the treatment of periodontal diseases. <i>Current Pharmaceutical Design</i> . 2005;11(14):1757-69.	Non-orthodontic subject
649	Sansare K, Raghav M, Mallia SM, Karjodkar F. Management-related outcomes and radiographic findings of idiopathic condylar resorption: a systematic review. <i>International journal of oral and maxillofacial surgery</i> . 2015;44(2):209-16.	Non-orthodontic subject
650	Santiago JF, De Souza Batista VE, Verril FR, Honório HM, De Mello CC, Almeida DAD, et al. Platform-switching implants and bone preservation: A systematic review and meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2016;45(3):332-45.	Non-orthodontic subject
651	Sasongko TH, Ismail NFD, Nik Abdul Malik NMA, Zabidi-Hussin ZAMH. Rapamycin and its analogues (rapalogs) for Tuberous Sclerosis Complex-associated tumors: A systematic review on non-randomized studies using meta-analysis. <i>Orphanet Journal of Rare Diseases</i> . 2015;10(1).	Non-orthodontic subject
652	Saxton AT, Poenaru D, Ozgediz D, Ameh EA, Farmer D, Smith ER, et al. Economic analysis of children's surgical care in low- and middle-income countries: A systematic review and analysis. <i>PLoS one</i> . 2016;11(10).	Non-orthodontic subject
653	Sayehmiri F, Sayehmiri K, Asadolahi K, Soroush S, Bogdanovic L, Azizi Jalilian F, et al. The prevalence rate of Porphyromonas gingivalis and its association with cancer: A systematic review and meta-analysis. <i>International Journal of Immunopathology and Pharmacology</i> . 2015;28(2):160-7.	Non-orthodontic subject
654	Schellenberg JC. Preterm birth: A review. <i>Current Women's Health Reviews</i> . 2006;2(4):257-318.	Non-orthodontic subject
655	Scholz CJ, Jungwirth S, Danielczyk W, Weber H, Wichart I, Tragl KH, et al. Investigation of association of serotonin transporter and monoamine oxidase-A genes with Alzheimer's disease and depression in the VITA study cohort: a 90-month longitudinal study. <i>American journal of medical genetics Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics</i> . 2014;165b(2):184-91.	Non-orthodontic subject
656	Schrem H, Lück R, Becker T, Nashan B, Klempnauer J. Update on liver transplantation using cyclosporine. <i>Transplantation Proceedings</i> . 2004;36(9):2525-31.	Non-orthodontic subject
657	Schroeder M, Reis A, Luque-Martinez I, Loguerio AD, Masterson D, Maia LC. Effect of enamel bevel on retention of cervical composite resin restorations:	Non-orthodontic subject



	A systematic review and meta-analysis. <i>Journal of dentistry</i> . 2015;43(7):777-88.	
658	Schwartz DA, Herdman CR. Review article: The medical treatment of Crohn's perianal fistulas. <i>Alimentary Pharmacology and Therapeutics</i> . 2004;19(9):953-67.	Non-orthodontic subject
659	Schwendicke F, Karimbux N, Allareddy V, Gluud C. Periodontal treatment for preventing adverse pregnancy outcomes: a meta- and trial sequential analysis. <i>PLoS one</i> . 2015;10(6):e0129060.	Non-orthodontic subject
660	Scott MA, Nguyen VT, Levi B, James AW. Current methods of adipogenic differentiation of mesenchymal stem cells. <i>Stem cells and development</i> . 2011;20(10):1793-804.	Non-orthodontic subject
661	Senna P, Del Bel Cury A, Rosing C. Non-carious cervical lesions and occlusion: a systematic review of clinical studies. <i>Journal of oral rehabilitation</i> . 2012;39(6):450-62.	Non-orthodontic subject
662	Sfyroeras GS, Roussas N, Saleptsis VG, Argyriou C, Giannoukas AD. Association between periodontal disease and stroke. <i>Journal of Vascular Surgery</i> . 2012;55(4):1178-84.	Non-orthodontic subject
663	Sgolastra F, Petrucci A, Gatto R, Marzo G, Monaco A. Photodynamic therapy in the treatment of chronic periodontitis: A systematic review and meta-analysis. <i>Lasers in medical science</i> . 2013;28(2):669-82.	Non-orthodontic subject
664	Sgolastra F, Petrucci A, Gatto R, Monaco A. Efficacy of Er:YAG laser in the treatment of chronic periodontitis: Systematic review and meta-analysis. <i>Lasers in medical science</i> . 2012;27(3):661-73.	Non-orthodontic subject
665	Sgolastra F, Severino M, Gatto R, Monaco A. Effectiveness of diode laser as adjunctive therapy to scaling root planing in the treatment of chronic periodontitis: A meta-analysis. <i>Lasers in medical science</i> . 2013;28(5):1393-402.	Non-orthodontic subject
666	Sgolastra F, Severino M, Petrucci A, Gatto R, Monaco A. Nd:YAG laser as an adjunctive treatment to nonsurgical periodontal therapy: A meta-analysis. <i>Lasers in medical science</i> . 2014;29(3):887-95.	Non-orthodontic subject
667	Shanbhag S, Dahiya M, Croucher R. The impact of periodontal therapy on oral health-related quality of life in adults: a systematic review. <i>Journal of clinical periodontology</i> . 2012;39(8):725-35.	Non-orthodontic subject
668	Shanbhag S, Pandis N, Mustafa K, Nyengaard JR, Stavropoulos A. Alveolar bone tissue engineering in critical-size defects of experimental animal models: a systematic review and meta-analysis. <i>Journal of tissue engineering and regenerative medicine</i> . 2016.	Non-orthodontic subject
669	Shanbhag S, Pandis N, Mustafa K, Nyengaard JR, Stavropoulos A. Cell Cotransplantation Strategies for Vascularized Craniofacial Bone Tissue Engineering: A Systematic Review and Meta-Analysis of Preclinical In Vivo Studies. <i>Tissue engineering Part B, Reviews</i> . 2016.	Non-orthodontic subject
670	Shao MY, Huang P, Cheng R, Hu T. Interleukin-6 polymorphisms modify the risk of periodontitis: A systematic review and meta-analysis. <i>Journal of Zhejiang University: Science B</i> . 2009;10(12):920-7.	Non-orthodontic subject
671	Sharif MO, Fedorowicz Z, Drews P, Nasser M, Dorri M, Newton T, et al. Interventions for the treatment of fractures of the mandibular condyle. <i>Cochrane Database of Systematic Reviews</i> . 2010; (4).	Non-orthodontic subject
672	Sharif MO, Tejjani-Sharif A, Kenny K, Day PF. A systematic review of outcome measures used in clinical trials of treatment interventions following traumatic dental injuries. <i>Dent Traumatol</i> 2015;31(6):422-8.	Non-orthodontic subject
673	Shawky M, Mosleh M, Jan AM, Jada FM. Meta-analysis of the Incidence of Lingual Nerve Deficits After Mandibular Bilateral Sagittal Split Osteotomy. <i>Journal of Craniofacial Surgery</i> . 2016;27(3):561-4.	Non-orthodontic subject
674	Shimoda K. Pharmacogenetic and pharmacokinetic determinants of trajectory of the therapeutic response in patients with panic disorder. <i>Asia-Pacific Psychiatry</i> . 2012;4:41.	Non-orthodontic subject
675	Shungin D, Cornelis MC, Divaris K, Holtfreter B, Shaffer JR, Yu YH, et al. Using genetics to test the causal relationship of total adiposity and periodontitis: Mendelian randomization analyses in the Gene-Lifestyle Interactions and Dental Endpoints (GLIDE) Consortium. <i>International journal of epidemiology</i> . 2015;44(2):638-50.	Non-orthodontic subject
676	Sleep complaints: Whenever possible, avoid the use of sleeping pills. <i>Prescribe international</i> . 2008;17(97):206-12.	Non-orthodontic subject
677	Smith KD, Scott MA, Ketterman E. What interventions can help patients stop using chewing tobacco? <i>Journal of Family Practice</i> . 2005;54(4):368-9.	Non-orthodontic subject
678	Soares TR, Fidalgo TK, Quirino AS, Ferreira DM, Chianca TK, Rizzo PA, et al. Is caries a risk factor for dental trauma? A systematic review and meta-analysis. <i>Dent Traumatol</i> 2016.	Non-orthodontic subject
679	Song G, Yang P, Hu J, Zhu S, Li Y, Wang Q. The effect of tranexamic acid on blood loss in orthognathic surgery: a meta-analysis of randomized controlled trials. <i>Oral surgery, oral pathology and oral radiology</i> . 2013;115(5):595-600.	Non-orthodontic subject
680	Song GD, Yang P, Zhu SS, Luo E, Feng G, Hu J, et al. Tranexamic Acid Reducing Blood Transfusion in Children Undergoing Craniosynostosis Surgery. <i>Journal of Craniofacial Surgery</i> . 2013;24(1):299-303.	Non-orthodontic subject
681	Soskolne WA. Re: Impact of local adjuncts to scaling and root planing in periodontal disease therapy: A systematic review. <i>Bonito AJ, Lux L, Lohr KN (2005;76:1227-1236) [1]. Journal of periodontology</i> . 2006;77(2):323.	Non-orthodontic subject
682	Souza E, Medeiros AC, Gurgel BC, Sarmiento C. Antimicrobial photodynamic therapy in the treatment of aggressive periodontitis: a systematic review and meta-analysis. <i>Lasers in medical science</i> . 2016;31(1):187-96.	Non-orthodontic subject
683	Spencer CM, Goa KL, Gillis JC. Tacrolimus. An update of its pharmacology and clinical efficacy in the management of organ transplantation. <i>Drugs</i> . 1997;54(6):925-75.	Non-orthodontic subject
684	Spinelli L, Fleming P, Pandis N. Graphical exploration of the impact of direct allocations of missing binary outcome data on classical and network metaanalysis. <i>European Journal of Epidemiology</i> . 2016;31:S193.	Non-orthodontic subject
685	Spinelli LM, Pandis N, Salanti G. Reporting and handling missing outcome data in mental health: a systematic review of Cochrane systematic reviews and meta-analyses. <i>Research synthesis methods</i> . 2015;6(2):175-87.	Non-orthodontic subject
686	Steenen SA, van Wijk AJ, Becking AG. Bad splits in bilateral sagittal split osteotomy: systematic review and meta-analysis of reported risk factors. <i>International journal of oral and maxillofacial surgery</i> . 2016;45(8):971-9.	Non-orthodontic subject
687	Stokbro K, Aagaard E, Torkov P, Bell RB, Thygesen T. Virtual planning in orthognathic surgery. <i>International journal of oral and maxillofacial surgery</i> . 2014;43(8):957-65.	Non-orthodontic subject
688	Stothard KJ, Tennant PW, Bell R, Rankin J. Maternal overweight and obesity and the risk of congenital anomalies: a systematic review and meta-analysis. <i>Jama</i> . 2009;301(6):636-50.	Non-orthodontic subject
689	Stoustrup P, Kristensen KD, Verna C, Küsel A, Pedersen TK, Herlin T. Intra-articular steroid injection for temporomandibular joint arthritis in juvenile idiopathic arthritis: A systematic review on efficacy and safety. <i>Seminars in Arthritis and Rheumatism</i> . 2013;43(1):63-70.	Non-orthodontic subject
690	Subramanian J, Anderson VR, Morgaine KC, Thomson WM. The importance of 'student voice' in dental education. <i>European Journal of Dental Education</i> . 2013;17(1):e136-e41.	Non-orthodontic subject
691	Sujanska A, Durdik P, Jesenák M, Banovcin P, Rabasco J, Vitelli O, et al. Obstructive sleep apnea syndrome in children - the recent view on the treatment. <i>Advances in Respiratory Therapy Research</i> 2014. p. 177-90.	Non-orthodontic subject
692	Sun QY, Feng M, Zhang MZ, Zhang YQ, Cao MF, Bian LX, et al. Effects of periodontal treatment on glycemic control in type 2 diabetic patients: A meta-analysis of randomized controlled trials. <i>Chinese Journal of Physiology</i> . 2014;57(6):305-14.	Non-orthodontic subject
693	Sun Y, Huang Y, Yin A, Pan Y, Wang Y, Wang C, et al. Genome-wide association study identifies a new susceptibility locus for cleft lip with or without a cleft palate. <i>Nature communications</i> . 2015;6:6414.	Non-orthodontic subject
694	Suresh S, Mahendra J. Multifactorial relationship of obesity and periodontal disease. <i>Journal of Clinical and Diagnostic Research</i> . 2014;8(4).	Non-orthodontic subject
695	Tajima N, Noda M, Origasa H, Noto H, Yabe D, Fujita Y, et al. Evidence-based practice guideline for the treatment for diabetes in Japan 2013. <i>Diabetology International</i> . 2015;6(3):151-87.	Non-orthodontic subject
696	Takata GS, Chan LS, Morpew T, Mangione-Smith R, Morton SC, Shekelle P. Evidence assessment of the accuracy of methods of diagnosing middle ear effusion in children with otitis media with effusion. <i>Pediatrics</i> . 2003;112(6 Pt 1):1379-87.	Non-orthodontic subject
697	Tamboli CP. Current Medical Therapy for Chronic Inflammatory Bowel Diseases. <i>Surgical Clinics of North America</i> . 2007;87(3):697-725.	Non-orthodontic subject
698	Tan HL, Kheirandish-Gozal L, Abel F, Gozal D. Craniofacial syndromes and sleep-related breathing disorders. <i>Sleep medicine reviews</i> . 2016;27:74-88.	Non-orthodontic subject
699	Tang M, Bian X, Zhao Q. CLPTM1L polymorphism and lung cancer risk. <i>International journal of clinical and experimental medicine</i> . 2015;8(3):3895-900.	Non-orthodontic subject
700	Tang M, Wang Y, Han S, Guo S, Wang D. Transforming growth factor-beta3 gene polymorphisms and nonsyndromic cleft lip and palate risk: a meta-analysis. <i>Genetic testing and molecular biomarkers</i> . 2013;17(12):881-9.	Non-orthodontic subject
701	Tang MR, Wang YX, Han SY, Guo S, Wang D. SUMO1 genetic polymorphisms may contribute to the risk of nonsyndromic cleft lip with or without palate: a meta-analysis. <i>Genetic testing and molecular biomarkers</i> . 2014;18(9):616-24.	Non-orthodontic subject
702	Tanoshima M, Kobayashi T, Tanoshima R, Beyene J, Koren G, Ito S. Risks of congenital malformations in offspring exposed to valproic acid in utero: A systematic review and cumulative meta-analysis. <i>Clinical pharmacology and therapeutics</i> . 2015;98(4):417-41.	Non-orthodontic subject
703	Tedesco TK, Bonifacio CC, Calvo AF, Gimenez T, Braga MM, Raggio DP. Caries lesion prevention and arrestment in approximal surfaces in contact with glass ionomer cement restorations - A systematic review and meta-analysis. <i>International journal of paediatric dentistry</i> . 2016;26(3):161-72.	Non-orthodontic subject
704	Teeuw WJ, Gerdes VEA, Loos BG. Effect of periodontal treatment on glycemic control of diabetic patients: A systematic review and meta-analysis. <i>Diabetes Care</i> . 2010;33(2):421-7.	Non-orthodontic subject
705	Thaver D, Saeed MA, Bhutta ZA. Pyridoxine (vitamin B6) supplementation in pregnancy. <i>Cochrane Database Syst Rev</i> 2006(2):Cd000179.	Non-orthodontic subject
706	Thomas WW, Harvey RJ, Rudmik L, Hwang PH, Schlosser RJ. Distribution of topical agents to the paranasal sinuses: An evidence-based review with	Non-orthodontic subject

	recommendations. International Forum of Allergy and Rhinology. 2013;3(9):691-703.	
707	Timbang M, Gharb B, Rampazzo A, Papay F, Zins J, Doumit G. A systematic review comparing Furlow double-opposing Z-plasty and straight-line intravelar veloplasty methods of cleft palate repair. Database of Abstracts of Reviews of Effects. 2014; (2):[1014-22 pp].	Non-orthodontic subject
708	Torabinejad M, Dinsbach NA, Turman M, Handysides R, Bahji K, White SN. Survival of Intentionally Replanted Teeth and Implant-supported Single Crowns: A Systematic Review. Journal of endodontics. 2015;41(7):992-8.	Non-orthodontic subject
709	Treatment of periodontal disease in pregnancy reduces preterm birth? Journal of the National Medical Association. 2009;101(7):740-1.	Non-orthodontic subject
710	Trejo PM, Weltman RL. Favorable periodontal regenerative outcomes from teeth with presurgical mobility: A retrospective study. Journal of periodontology. 2004;75(11):1532-8.	Non-orthodontic subject
711	Tseng KC, Zheng XY, Qu XH, Lu EY. Risk of peri-implantitis in patients with diabetes mellitus: A meta-analysis. International journal of clinical and experimental medicine. 2016;9(8):15986-95.	Non-orthodontic subject
712	Turner D, Griffiths AM. Acute severe ulcerative colitis in children: A systematic review. Inflammatory Bowel Diseases. 2011;17(1):440-9.	Non-orthodontic subject
713	Uebing A, Rigby ML. The problem of infective endocarditis after transcatheter pulmonary valve implantation. Heart. 2015;101(10):749-51.	Non-orthodontic subject
714	Uno K, Nishizawa D, Seo S, Takayama K, Matsumura S, Sakai N, et al. The Piccolo Intronic Single Nucleotide Polymorphism rs13438494 Regulates Dopamine and Serotonin Uptake and Shows Associations with Dependence-Like Behavior in Genomic Association Study. Current molecular medicine. 2015;15(3):265-74.	Non-orthodontic subject
715	Van Borsel J. Voice and resonance disorders in genetic syndromes: a meta-analysis. Folia phoniatrica et logopaedica : official organ of the International Association of Logopedics and Phoniatrics (IALP). 2004;56(2):83-92.	Non-orthodontic subject
716	van der Sanden WJ, Mettes TG, Grol R, Plasschaert AJ, Verdonchot EH. [Topics in clinical dentistry. Trends in the Dutch dental literature]. Nederlands tijdschrift voor tandheelkunde. 1999;106(10):366-8.	Non-orthodontic subject
717	Van der Weijden FA, Campbell SL, Dorfer CE, Gonzalez-Cabezas C, Slot DE. Safety of Oscillating-Rotating Powered Brushes Compared to Manual Toothbrushes: A Systematic Review. Journal of periodontology. 2011;82(1):5-24.	Non-orthodontic subject
718	Varela-López A, Battino M, Bullón P, Quiles JL. Dietary antioxidants for chronic periodontitis prevention and its treatment. A review on current evidences from animal and human studies. Ars Pharmaceutica. 2015;56(3):131-40.	Non-orthodontic subject
719	Vene N, Navri A, Sinigoi P, Kosmellj K, Vizintin-Cuderman T, Tratar G, et al. Higher risk of minor bleeding in women than in men with atrial fibrillation treated with dabigatran. Thrombosis Research. 2014;133:S40.	Non-orthodontic subject
720	Venezia E, Goldstein M, Boyan BD, Schwartz Z. The use of enamel matrix derivative in the treatment of periodontal defects: A literature review and meta-analysis. Critical Reviews in Oral Biology and Medicine. 2004;15(6):382-402.	Non-orthodontic subject
721	Venkatesan S, Leonardi-Bee J, Myles P, McNeill A. A systematic review and meta-analysis on the health effects of non-smus smokeless tobacco products. Respiratory Medicine. 2013;107:S10.	Non-orthodontic subject
722	Verkleij-Hagoort A, Blik J, Sayed-Tabatabaei F, Ursem N, Steegers E, Steegers-Theunissen R. Hyperhomocysteinemia and MTHFR polymorphisms in association with orofacial clefts and congenital heart defects: a meta-analysis. American journal of medical genetics Part A. 2007;143a(9):952-60.	Non-orthodontic subject
723	Viana KA, Daher A, Maia LC, Costa PS, Martins CC, Paiva SM, et al. Memory effects of sedative drugs in children and adolescents--protocol for a systematic review. Systematic reviews. 2016;5:34.	Non-orthodontic subject
724	Victoria CG, Bahl R, Barros AJ, Franca GV, Horton S, Krasevec J, et al. Breastfeeding in the 21st century: epidemiology, mechanisms, and lifelong effect. Lancet (London, England). 2016;387(10017):475-90.	Non-orthodontic subject
725	Vieira AR, Orioli IM, Murray JC. Maternal age and oral clefts: a reappraisal. Oral surgery, oral medicine, oral pathology, oral radiology, and endodontics. 2002;94(5):530-5.	Non-orthodontic subject
726	Vieira AR, Orioli IM. Birth order and oral clefts: a meta analysis. Teratology. 2002;66(5):209-16.	Non-orthodontic subject
727	Vissink A, Burlage FR, Spijkervet FKL, Jansma J, Coppes RP. Prevention and treatment of the consequences of head and neck radiotherapy. Critical Reviews in Oral Biology and Medicine. 2003;14(3):213-25.	Non-orthodontic subject
728	Vlachogiannis JE, Cameron M, Chrusasik S. A systematic review on the Sambuci fructus effect and efficacy profiles. Phytotherapy Research. 2010;24(1):1-8.	Non-orthodontic subject
729	Vrijheid M, Martinez D, Manzanares S, Dadvand P, Schembari A, Rankin J, et al. Ambient air pollution and risk of congenital anomalies: a systematic review and meta-analysis. Environmental health perspectives. 2011;119(5):598-606.	Non-orthodontic subject
730	Vucic S, Drost RW, Ongkosuwo EM, Wolvius EB. Dentofacial trauma and players' attitude towards mouthguard use in field hockey: a systematic review and meta-analysis. British journal of sports medicine. 2016;50(5):298-304.	Non-orthodontic subject
731	Wald NJ, Oakley GP, Hubner RA, Houlston RD, Muir KR. Should folic acid fortification be mandatory? British Medical Journal. 2007;334(7606):1252-3.	Non-orthodontic subject
732	Wallace CA. Current management of juvenile idiopathic arthritis. Best Practice and Research: Clinical Rheumatology. 2006;20(2):279-300.	Non-orthodontic subject
733	Wang F, Wu Y, Zou D, Wang G, Kaigler D. Clinical outcomes of dental implant therapy in alveolar cleft patients: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):[1098-105 pp].	Non-orthodontic subject
734	Wang LF, Long H, Deng M, Xu H, Fang J, Fan Y, et al. Biofeedback treatment for sleep bruxism: a systematic review. Sleep & breathing = Schlaf & Atmung. 2014;18(2):235-42.	Non-orthodontic subject
735	Wang M, Pan Y, Zhang Z, Wang L. Three polymorphisms in IRF6 and 8q24 are associated with nonsyndromic cleft lip with or without cleft palate: evidence from 20 studies. American journal of medical genetics Part A. 2012;158a(12):3080-6.	Non-orthodontic subject
736	Wang TF, Jen IA, Chou C, Lei YP. Effects of periodontal therapy on metabolic control in patients with type 2 diabetes mellitus and periodontal disease: A meta-analysis. Medicine (United States). 2014;93(28):e292.	Non-orthodontic subject
737	Wang WF, Shi J, Chen SJ, Niu YM, Zeng XT. Interleukin-1α -899 (+4845) C→T polymorphism is not associated with aggressive periodontitis susceptibility: A meta-analysis based on 19 case-control studies. Biomedical Reports. 2014;2(3):378-83.	Non-orthodontic subject
738	Wang X, Han X, Guo X, Luo X, Wang D. The effect of periodontal treatment on hemoglobin A1c levels of diabetic patients: A systematic review and meta-analysis. PloS one. 2014;9(9).	Non-orthodontic subject
739	Wang Y, Hu X, Li X, Wang Z. An overview of the effect of sodium glucose cotransporter 2 inhibitor monotherapy on glycemic and other clinical laboratory parameters in type 2 diabetes patients. Therapeutics and Clinical Risk Management. 2016;12:1113-31.	Non-orthodontic subject
740	Wang Y, Peng J, Li Y, Luo H, Huang G, Luo S, et al. Association between tooth loss and risk of oesophageal cancer: a dose-response meta-analysis. SpringerPlus. 2016;5(1):1020.	Non-orthodontic subject
741	Wasiak J, Shen AY, Tan HB, Mahar R, Kan G, Khoo WR, et al. Methodological quality assessment of paper-based systematic reviews published in oral health. Clinical oral investigations. 2016;20(3):399-431.	Non-orthodontic subject
742	Watanabe T, Ishiguro S, Ueda M, Saeiki Y, Hayashi Y, Shimoda K. Pharmacokinetic and pharmacogenetic factors affecting the initial therapeutic effect of selective serotonin reuptake inhibitor in panic disorder. Panic Disorder: Symptoms, Treatment and Prevention2012. p. 79-94.	Non-orthodontic subject
743	Watanabe T, Ishiguro S, Ueda M, Saeiki Y, Hayashi Y, Shimoda K. Pharmacokinetic and pharmacogenetic factors affecting the initial therapeutic effect of selective serotonin reuptake inhibitor. Psychiatry Research Journal. 2012;3(1-2):59-70.	Non-orthodontic subject
744	Wattanawong K, Rattanasiri S, McEvoy M, Attia J, Thakkinian A. Association between IRF6 and 8q24 polymorphisms and nonsyndromic cleft lip with or without cleft palate: Systematic review and meta-analysis. Birth defects research Part A. Clinical and molecular teratology. 2016;106(9):773-88.	Non-orthodontic subject
745	Webster AC, Woodroffe RC, Taylor RS, Chapman JR, Craig JC. Tacrolimus versus ciclosporin as primary immunosuppression for kidney transplant recipients: Meta-analysis and meta-regression of randomised trial data. British Medical Journal. 2005;331(7520):810-4.	Non-orthodontic subject
746	Weiss JP, Sawhney R. Update on mandibular condylar fracture management. Current Opinion in Otolaryngology and Head and Neck Surgery. 2016;24(4):273-8.	Non-orthodontic subject
747	Wen PY, Schiff D, Kesari S, Drappatz J, Gigas DC, Doherty L. Medical management of patients with brain tumors. Journal of Neuro-Oncology. 2006;80(3):313-32.	Non-orthodontic subject
748	Wen YF, Wong HM, Lin R, Yin G, McGrath C. Inter-Ethnic/Racial Facial Variations: A Systematic Review and Bayesian Meta-Analysis of Photogrammetric Studies. PloS one. 2015;10(8):e0134525.	Non-orthodontic subject
749	Weng H, Zhang C, Hu YY, Yuan RX, Zuo HX, Yan JZ, et al. Association between Estrogen Receptor- α Gene XbaI and PvuII Polymorphisms and Periodontitis Susceptibility: A Meta-Analysis. Disease markers. 2015;2015.	Non-orthodontic subject
750	Wenzel-Seifert K, Stegmann B, Wild M, Haen E. Cardiovascular side effects of atomoxetine, methylphenidate, amphetamine, dexamphetamine and lisdexamphetamine for treatment of ADHD. Psychopharmakotherapie. 2015;22(1):42-6.	Non-orthodontic subject
751	Weston P, Yaziz YA, Moles DR, Needelman I. Occlusal interventions for periodontitis in adults. Cochrane Database of Systematic Reviews. 2016; (11). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD004968.pub3/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD004968.pub3/abstract</a>	Non-orthodontic subject
752	Weston P, Yaziz YA, Moles DR, Needelman I. Occlusal interventions for periodontitis in adults. Cochrane Database Syst Rev 2008(3):Cd004968.	Non-orthodontic subject
753	What's new in contact dermatitis? Metal allergies. Journal of Drugs in Dermatology. 2009;8(3):307-8.	Non-orthodontic subject
754	Whitehill TL. Assessing intelligibility in speakers with cleft palate: a critical review of the literature. Cleft Palate Craniofac J 2002;39(1):50-8.	Non-orthodontic subject
755	Williams B, Poulter NR, Brown MJ, Davis M, McInnes GT, Potter JF, et al. Guidelines for management of hypertension: Report of the fourth working party of the British Hypertension Society, 2004 - BHS IV. Journal of Human Hypertension. 2004;18(3):139-85.	Non-orthodontic subject
756	Williams R. Meta-analysis of calcineurin inhibitors in renal transplantation. Nature Clinical Practice Nephrology. 2006;2(1):9-10.	Non-orthodontic subject

757	Wilson JJ. Predictors of death: A life-history approach for understanding oral health patterns during the late prehistoric period in the Eastern Woodlands. <i>American Journal of Physical Anthropology</i> . 2012;147:305.	Non-orthodontic subject
758	Wolff T, Shelton E, Sessions C, Miller T. Screening for syphilis infection in pregnant women: Evidence for the U.S. Preventive Services Task Force reaffirmation recommendation statement. <i>Annals of Internal Medicine</i> . 2009;150(10):710-6+W-125.	Non-orthodontic subject
759	Woodroffe R, Yao GL, Meads C, Bayliss S, Ready A, Raftery J, et al. Clinical and cost-effectiveness of newer immunosuppressive regimens in renal transplantation: A systematic review and modelling study. <i>Health Technology Assessment</i> . 2005;9(21):i-179.	Non-orthodontic subject
760	Woolacott N, Vergel YB, Hawkins N, Kainth A, Khadjesari Z, Misso K, et al. Etanercept and infliximab for the treatment of psoriatic arthritis: A systematic review and economic evaluation. <i>Health Technology Assessment</i> . 2006;10(31):iii-78.	Non-orthodontic subject
761	Wu FL, Wang LY, Huang YQ, Guo WB, Liu CD, Li SG. Interleukin-1beta +3954 polymorphisms and risk of external apical root resorption in orthodontic treatment: a meta-analysis. <i>Genetics and molecular research : GMR</i> . 2013;12(4):4678-86.	Non-orthodontic subject
762	Wu J, Chen Y, Pei J, Pan J. MTHFD1 gene polymorphisms as risk factors involved in orofacial cleft: an independent case-control study and a meta-analysis. <i>International journal of clinical and experimental medicine</i> . 2015;8(5):7737-45.	Non-orthodontic subject
763	Wu J, Li B, Lin X. Histological outcomes of sinus augmentation for dental implants with calcium phosphate or deproteinized bovine bone: a systematic review and meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2016;45(11):1471-7.	Non-orthodontic subject
764	Wu Y, Li C, Pan J. Two different opinions on a published systematic review. <i>International journal of oral and maxillofacial surgery</i> . 2012;41(7):882.	Non-orthodontic subject
765	Wusiman P, Yarbarg A, Wurouzi G, Mijiti A, Morning A. Three dimensional versus standard miniplate fixation in management of mandibular fractures: A systematic review and meta-analysis. <i>J Craniomaxillofac Surg</i> 2016;44(10):1646-54.	Non-orthodontic subject
766	Wyszynski DF, Duffy DL, Beaty TH. Maternal cigarette smoking and oral clefts: a meta-analysis. <i>Cleft Palate Craniofac J</i> 1997;34(3):206-10.	Non-orthodontic subject
767	Xiao ZG, Jin J. Clinical evaluation of subantimicrobial dose doxycycline in treatment of periodontitis. <i>Pharmaceutical Care and Research</i> . 2007;7(1):25-7.	Non-orthodontic subject
768	Xiao-Ping W, Wei L, Yu-Shan H. Correlation between chronic periodontitis and cardiovascular diseases: A systematic review. <i>Heart</i> . 2012;98:E93-E4.	Non-orthodontic subject
769	Xu Q, Liu JW, Yuan Y. Comprehensive assessment of the association between miRNA polymorphisms and gastric cancer risk. <i>Mutation Research-Reviews in Mutation Research</i> . 2015;763:148-60.	Non-orthodontic subject
770	Xu R, Lian Y, Li WX. Airway Complications during and after General Anesthesia: A Comparison, Systematic Review and Meta-Analysis of Using Flexible Laryngeal Mask Airways and Endotracheal Tubes. <i>PLoS one</i> . 2016;11(7):e0158137.	Non-orthodontic subject
771	Xuan Z, Zhongpeng Y, Yanjun G, Jiaqi D, Yuchi Z, Bing S, et al. Maternal active smoking and risk of oral clefts: a meta-analysis. <i>Oral surgery, oral medicine, oral pathology and oral radiology</i> . 2016;122(6):680-90.	Non-orthodontic subject
772	Yaacob M, Worthington HV, Deacon SA, Deery C, Walsley AD, Robinson PG, et al. Powered versus manual toothbrushing for oral health. <i>Cochrane Database of Systematic Reviews</i> . 2014(6).	Non-orthodontic subject
773	Yakoob M, Bateman B, Ho E, Hernandez-Diaz S, Franklin J, Goodman J, et al. The risk of congenital malformations associated with exposure to beta-blockers early in pregnancy: a meta-analysis. <i>Hypertension (Dallas, Tex : 1979)</i> . 2013;62(2):375-81 pp.].	Non-orthodontic subject
774	Yakoob MY, Bateman BT, Ho E, Hernandez-Diaz S, Franklin JM, Goodman JE, et al. The risk of congenital malformations associated with exposure to beta-blockers early in pregnancy: a meta-analysis. <i>Hypertension (Dallas, Tex : 1979)</i> . 2013;62(2):375-81.	Non-orthodontic subject
775	Yan M, Liu M, Wang M, Yin F, Xia H. The effects of Er:YAG on the treatment of peri-implantitis: a meta-analysis of randomized controlled trials. <i>Lasers in medical science</i> . 2015;30(7):1843-53.	Non-orthodontic subject
776	Yan XZ, Yang F, Jansen JA, De Vries RBM, Van Den Beucken JJJP. Cell-based approaches in periodontal regeneration: A systematic review and meta-analysis of periodontal defect models in animal experimental work. <i>Tissue Engineering - Part B: Reviews</i> . 2015;21(5):411-26.	Non-orthodontic subject
777	Yang LY, Xu MB, Jin XL, Xu JJ, Lu JJ, Zhang C, et al. Complications of Absorbable Fixation in Maxillofacial Surgery: A Meta-Analysis. <i>PLoS one</i> . 2013;8(6).	Non-orthodontic subject
778	Yang W, Hu L, Wang Z, Nie G, Li X, Lin D, et al. Deep Neck Infection: A Review of 130 Cases in Southern China. <i>Medicine</i> . 2015;94(27):e994.	Non-orthodontic subject
779	Yang X, Hou D, Jiang W, Zhang C. Intercellular protein-protein interactions at synapses. <i>Protein and Cell</i> . 2014;5(6):420-44.	Non-orthodontic subject
780	Yao G, Albon E, Adi Y, Milford D, Bayliss S, Ready A, et al. A systematic review and economic model of the clinical and cost-effectiveness of immunosuppressive therapy for renal transplantation in children. <i>Health Technology Assessment</i> . 2006;10(49):iii-65.	Non-orthodontic subject
781	Yao QW, Zhou DS, Peng HJ, Ji P, Liu DS. Association of periodontal disease with oral cancer: A meta-analysis. <i>Tumor Biology</i> . 2014;35(7):7073-7.	Non-orthodontic subject
782	Yao S, Zhou J, Li Z. Contrast analysis of open reduction and internal fixation and non-surgical treatment of condylar fracture: a meta-analysis. <i>The Journal of craniofacial surgery</i> . 2014;25(6):2077-80.	Non-orthodontic subject
783	Ye Z, Lu H, Guo W, Dai W, Li H, Yang H, et al. The effect of alprostadil on preventing contrast-induced nephropathy for percutaneous coronary intervention in diabetic patients: A systematic review and meta-analysis. <i>Medicine</i> . 2016;95(46):e5306.	Non-orthodontic subject
784	Yengopal V, Mickenautsch S. Caries-preventive effect of resin-modified glass-ionomer cement (RM-GIC) versus composite resin: a quantitative systematic review. <i>Eur Arch Paediatr Dent</i> 2011;12(1):5-14.	Non-orthodontic subject
785	Yin WT, Pan YP, Lin L. Association between IL-1α rs17561 and IL-1β rs1143634 polymorphisms and periodontitis: A meta-analysis. <i>Genetics and Molecular Research</i> . 2016;15(1).	Non-orthodontic subject
786	Yin XH, Wang YD, Luo H, Zhao K, Huang GL, Luo SY, et al. Association between Tooth Loss and Gastric Cancer: A Meta-Analysis of Observational Studies. <i>PLoS one</i> . 2016;11(3):e0149653.	Non-orthodontic subject
787	Zachariae H, Steen Olsen T. Efficacy of cyclosporin A (CyA) in psoriasis: An overview of dose/response, indications, contraindications and side-effects. <i>Clinical Nephrology</i> . 1995;43(3):154-8.	Non-orthodontic subject
788	Zaghi S, Hofty JE, Cerial V, Abdullatif J, Guilleminault C, Powell NB, et al. Maxillomandibular Advancement for Treatment of Obstructive Sleep Apnea: A Meta-analysis. <i>JAMA otolaryngology-- head &amp; neck surgery</i> . 2016;142(1):58-66.	Non-orthodontic subject
789	Zang Y, Nie W, Fang Z, Li B. Cleft lip and palate transmembrane protein 1 rs31489 polymorphism is associated with lung cancer risk: a meta-analysis. <i>Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine</i> . 2014;35(6):5583-8.	Non-orthodontic subject
790	Zeiger JS, Beaty TH, Liang KY. Oral clefts, maternal smoking, and TGFA: a meta-analysis of gene-environment interaction. <i>Cleft Palate Craniofac J</i> 2005;42(1):58-63.	Non-orthodontic subject
791	Zeiger JS, Beaty TH. Is there a relationship between risk factors for oral clefts? <i>Teratology</i> . 2002;66(5):205-8.	Non-orthodontic subject
792	Zeller T, Blankenberg S, Diemert P. Genomewide association studies in cardiovascular disease - An update 2011. <i>Clinical Chemistry</i> . 2012;58(1):92-103.	Non-orthodontic subject
793	Zhang DZ, Liu XY, Xiao WL, Xu YX. Botulinum Toxin Type A and the Prevention of Hypertrophic Scars on the Maxillofacial Area and Neck: A Meta-Analysis of Randomized Controlled Trials. <i>PLoS one</i> . 2016;11(3).	Non-orthodontic subject
794	Zhang H, Zhou L, Han Y, Cai Q, Li D, Pan Y, et al. Associations between CD14 -159 C>T polymorphism and chronic/aggressive periodontitis susceptibility. <i>Oral Diseases</i> . 2013;19(8):805-11.	Non-orthodontic subject
795	Zhang J, Yang J, Chang X, Zhang C, Zhou H, Liu M. Ozagrel for acute ischemic stroke: A metaanalysis of data from randomized controlled trials. <i>Neurological Research</i> . 2012;34(4):346-53.	Non-orthodontic subject
796	Zhang LL, Zeng LN, Li YP. Side effects of phenobarbital in epilepsy: A systematic review. <i>Epileptic Disorders</i> . 2011;13(4):349-65.	Non-orthodontic subject
797	Zhang M, Wu X, Lu W, Ge Y, Wang X, Cai Z, et al. Rs401681 polymorphism in TERT-CLPTM1L was associated with bladder cancer risk: A meta-analysis. <i>Iranian journal of basic medical sciences</i> . 2015;18(11):1130-6.	Non-orthodontic subject
798	Zhang W, Qu HC, Zhang Y. Association of MSX1 and TGF-beta1 genetic polymorphisms with hypodontia: meta-analysis. <i>Genetics and molecular research : GMR</i> . 2014;13(4):10007-16.	Non-orthodontic subject
799	Zhang W, Qu HC, Zhang Y. PAX-9 polymorphism may be a risk factor for hypodontia: a meta-analysis. <i>Genetics and molecular research : GMR</i> . 2014;13(4):9997-10006.	Non-orthodontic subject
800	Zhang Y, Yu Q, Yu W, Hu M. Glutathione S-transferase M1 null genotype is associated with increased risk of oral cancer in East Asians: a meta-analysis. <i>Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine</i> . 2013;34(5):3183-8.	Non-orthodontic subject
801	Zhang YH, Sun YL, Ma T, Zhao J. Efficacy of systemic antibiotic combined with non-surgical periodontal therapy for aggressive periodontitis: A meta-analysis. <i>Chinese Journal of Evidence-Based Medicine</i> . 2016;16(5):585-91.	Non-orthodontic subject
802	Zhao H, Zhang J, Zhang M, Deng F, Zheng L, Zheng H, et al. Is MTHFD1 polymorphism rs 2236225 (c.1958G>A) associated with the susceptibility of NSCL/P? A systematic review and meta-analysis. <i>F1000Research</i> . 2015;4:142.	Non-orthodontic subject
803	Zhao M, Ren Y, Shen L, Zhang Y, Zhou B. Association between MTHFR C677T and A1298C polymorphisms and NSCL/P risk in Asians: a meta-analysis. <i>PLoS one</i> . 2014;9(3):e88242.	Non-orthodontic subject
804	Zheng J, Hou T, Gao L, Cuiyan W, Wang P, Wen Y, et al. Association between CD14 gene polymorphism and periodontitis: A meta-analysis. <i>Critical Reviews in Eukaryotic Gene Expression</i> . 2013;23(2):115-23.	Non-orthodontic subject
805	Zhu HL, Xi Q, Liu LY, Wang JN, Gu MJ. Quantitative Assessment of Common Genetic Variants on FOXE1 and Differentiated Thyroid Cancer Risk. <i>PLoS one</i> . 2014;9(1).	Non-orthodontic subject
806	Zhu M, Li J, Chen B, Mei L, Yao L, Tian J, et al. The Effect of Calcium Sodium Phosphosilicate on Dentin Hypersensitivity: A Systematic Review and Meta-Analysis. <i>PLoS one</i> . 2015;10(11):e0140176.	Non-orthodontic subject
807	Al Marzooq A, Yatabe M, Ai M. What types of occlusal factors play a role in temporomandibular disorders...? - A literature review. <i>Journal of medical and dental sciences</i> . 1999;46(3):111-6.	Not a systematic review

808	Al-Jewair TS. High-Quality Randomized Controlled Trials are Needed to Confirm the Effectiveness of Oral Appliances in the Management of Obstructive Sleep Apnea Syndrome. The journal of evidence-based dental practice. 2016;16(2):110-2.	Not a systematic review
809	Al-Mendalawi MD. Timing of dental development in Saudi cleft lip and palate patients. Saudi medical journal. 2014;35(8):915.	Not a systematic review
810	Bloch KE. Alternatives to CPAP in the treatment of the obstructive sleep apnoea syndrome. Swiss Medical Weekly. 2006;136(17-18):261-7.	Not a systematic review
811	Chang HP, Tseng YC. Miniscrew implant applications in contemporary orthodontics. Kaohsiung Journal of Medical Sciences. 2014;30(3):111-5.	Not a systematic review
812	Chausu S, Shapira J, Helling I, Becker A. Emergency orthodontic treatment after the traumatic intrusive luxation of maxillary incisors. Am J Orthod Dentofacial Orthop 2004;126(2):162-72.	Not a systematic review
813	Cohen-Levy J, Garcia R, Pételle B, Fleury B. Treatment of the obstructive sleep apnea syndrome in adults by mandibular advancement device: The state of the art. International orthodontics. 2009;7(3):287-304.	Not a systematic review
814	Dersot JM. [Plaque control, a key element of successful orthodontics]. L' Orthodontie française. 2010;81(1):33-9.	Not a systematic review
815	Esenlik E, Al Awadhi Y, Clouston S, Rubin M, Shetye P, Grayson B. Comparison of cephalometric midface form in patients with uclp, treated with traditional or No PSIO (euroleft study) and patients treated with nam (NYU). Cleft Palate-Craniofacial Journal. 2016;53(4):e152.	Not a systematic review
816	Fox NA, McCabe JF, Buckley JG. A critique of bond strength testing in orthodontics. Br J Orthod 1994;21(1):33-43.	Not a systematic review
817	Gebeile-Chauty S, Robin O, Messaoudi Y, Aknin JJ. Can orthodontic treatment generate temporomandibular disorders and pain? A review. L' Orthodontie française. 2010;81(1):85-93.	Not a systematic review
818	Goh HH, Fernandez MLM. Interspace/interdental brushes for oral hygiene in orthodontic patients with fixed appliances. Cochrane Database of Systematic Reviews. 2013; (9). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD005410.pub3/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD005410.pub3/abstract</a>	Not a systematic review
819	Harrison JE, Scholey J, Worthington HV, Bickley S, O'Brien KD, Shaw BC. Orthodontic treatment for crowded teeth in children. Cochrane Database of Systematic Reviews. 2002; (1).	Not a systematic review
820	Isherwood G, Gruber E, Bowyer O, Macbean A. Visual assessment of the bond strength between an orthodontic bracket and an impacted maxillary canine: The "blue-needle" test. British Journal of Oral and Maxillofacial Surgery. 2013;51(8):988-9.	Not a systematic review
821	Jang JC, Fields HW, Vig KWL, Beck FM. Controversies in the timing of orthodontic treatment. Seminars in orthodontics. 2005;11(3):112-8.	Not a systematic review
822	Jokic D, Jokic D, Uglesic V, Macan D, Knezevic P. Soft tissue changes after mandibular setback and bimaxillary surgery in Class III patients. The Angle orthodontist. 2013;83(5):817-23.	Not a systematic review
823	Koh H, Robinson PG. Occlusal adjustment for treating and preventing temporomandibular joint disorders. Cochrane Database of Systematic Reviews. 2016;2016(1).	Not a systematic review
824	Kozel JA, Macedo CR, Atallah AN. Lasecback ligatures for controlling anchorage in patients undergoing fixed orthodontic treatment. Cochrane Database of Systematic Reviews. 2016; (10).	Not a systematic review
825	Li C, Lv J, Liu M, Shi Z, Glenny A-M. Electronic dental anaesthesia for managing pain during dental procedures. Cochrane Database of Systematic Reviews. 2016; (2). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD012092/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD012092/abstract</a>	Not a systematic review
826	Li KK. Maxillomandibular advancement for obstructive sleep apnea. J Oral Maxillofac Surg. 2011;69(3):687-94.	Not a systematic review
827	Liu R, Li F, Deacon SA, Li H, Chen J, Liu Z, et al. Pre-surgical orthopaedics (PSO) for infants with complete cleft lip and palate. Cochrane Database of Systematic Reviews. 2015; (4). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD008868.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD008868.pub2/abstract</a>	Not a systematic review
828	Luther F, Layton S, McDonald F. Orthodontics for treating temporomandibular joint (TMJ) disorders. Cochrane Database of Systematic Reviews. 2016; (1). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD006541.pub3/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD006541.pub3/abstract</a>	Not a systematic review
829	Marshall SD, Shroff B. Long-term Skeletal Changes with Rapid Maxillary Expansion: A Review of the Literature. Seminars in orthodontics. 2012;18(2):128-33.	Not a systematic review
830	Martinez-Mier EA. Fluoride-containing orthodontic adhesives may reduce the occurrence of enamel demineralization in patients with fixed orthodontic appliances. Journal of Evidence-Based Dental Practice. 2011;11(3):132-4.	Not a systematic review
831	Marzooq AA, Yatabe M, Al M. What types of occlusal factors play a role in temporomandibular disorders...? A literature review. Journal of medical and dental sciences. 1999;46(3):111-6.	Not a systematic review
832	Meursinge Reynders R, Ronchi L, Ladu L, Di Girolamo N, de Lange J, Roberts N, et al. Barriers and facilitators to the implementation of orthodontic mini-implants in clinical practice: a protocol for a systematic review and meta-analysis. Systematic reviews. 2016;5:22.	Not a systematic review
833	Nabhan AF, Abbas NH, Fleming PS, Johal A, Sadek MM. Self-ligating brackets versus conventional pre-adjusted edgewise brackets for treating malocclusion. Cochrane Database of Systematic Reviews. 2016; (10). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD012407/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD012407/abstract</a>	Not a systematic review
834	Orthlieb JD, Giraudeau A, Laplanche O. [Occlusion and dysfunction: the paradox of dentofacial orthopedics]. L' Orthodontie française. 1998;69(1):69-78.	Not a systematic review
835	Perinetti G, Marsi L, Castaldo A, Contardo L. Is postural platform suited to study correlations between the masticatory system and body posture? A study of repeatability and a meta-analysis of reported variations. Prog Orthod 2012;13(3):273-80.	Not a systematic review
836	Primozic J, Perinetti G, Contardo L, Ovsenik M. Diagnostic performance of 3-dimensional evaluation of palatal vault changes in assessing successful treatment of constricted maxilla in growing subjects. Am J Orthod Dentofacial Orthop 2013;143(1):42-9.	Not a systematic review
837	Quinnell TG, Clutterbuck-James AL. Alternatives to continuous positive airway pressure 2: mandibular advancement devices compared. Current opinion in pulmonary medicine. 2014;20(6):595-600.	Not a systematic review
838	Redford-Badwal DA. Individuals born with nonsyndromic oral clefts display a higher frequency of dental anomalies. The journal of evidence-based dental practice. 2012;12(1):21-3.	Not a systematic review
839	Roberts GJ, McDonald F, Neil M, Lucas VS. The Weighted Average Method "WAM" for dental age estimation: a simpler method for children at the 10 year threshold: "it is vain to do with more when less will suffice" William of Ockham 1288-1358. ". Journal of forensic and legal medicine. 2014;26:56-60.	Not a systematic review
840	Smith J, Bearn DR, House K. Self-ligating orthodontic braces for straightening teeth. Cochrane Database of Systematic Reviews. 2015; (4).	Not a systematic review
841	Sporniak-Tutak K, Janiszewska-Olszowska J, Kowalczyk R. Management of temporomandibular ankylosis--compromise or individualization--a literature review. Medical science monitor : international medical journal of experimental and clinical research. 2011;17(5):Ra111-6.	Not a systematic review
842	Strydom H, Pandis N, Katsaros C, Curatolo M, Fudalej P. Non-pharmacological interventions for alleviating pain during orthodontic treatment. Cochrane Database of Systematic Reviews. 2012; (12).	Not a systematic review
843	Sujanska A, Durdik P, Rabasco J, Vitelli O, Pietropaoli N, Villa MP. SURGICAL AND NON-SURGICAL THERAPY OF OBSTRUCTIVE SLEEP APNEA SYNDROME IN CHILDREN. Acta medica (Hradec Kralove). 2014;57(4):135-41.	Not a systematic review
844	Trpevska V, Kovacevska G, Benedeti A, Jordanov B. T-Scan III System diagnostic tool for digital occlusal analysis in orthodontics ? a modern approach. Database of Abstracts of Reviews of Effects. 2014; (2):[155-60 pp.].	Not a systematic review
845	Ye Q, He Y, Zou S, Zhao Z, Ren Y. Interventions for space closure in orthodontic treatment. Cochrane Database of Systematic Reviews. 2014; (12). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD007671.pub3/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD007671.pub3/abstract</a>	Not a systematic review
846	Abrahamsson C, Ekberg E, Henrikson T, Bondemark L. Alterations of temporomandibular disorders before and after orthognathic surgery: a systematic review. Angle Orthodontist. 2007; 77(4):[729-34 pp.].	Published before 2012
847	Al AZ, Gray R, Davies S, Sloan P, Glenny A. Stabilization splint therapy for the treatment of temporomandibular myofascial pain: a systematic review. Journal of dental education. 2005; 69(11):[1242-50 pp.].	Published before 2012
848	Alanko O, Svedstrom-Oristo A, Tuomisto M. Patients' perceptions of orthognathic treatment, well-being, and psychological or psychiatric status: a systematic review. Database of Abstracts of Reviews of Effects. 2010; (2):[249-60 pp.].	Published before 2012
849	Aldrees AM. Lateral cephalometric norms for Saudi adults: A meta-analysis. The Saudi dental journal. 2011;23(1):3-7.	Published before 2012
850	Al-Jewair TS, Azarpazhooh A, Suri S, Shah PS. Computer-assisted learning in orthodontic education: a systematic review and meta-analysis. Journal of dental education. 2009;73(6):730-9.	Published before 2012
851	Al-Mendalawi MD. Incidence of cleft lip and palate in Iran. A meta-analysis. Saudi medical journal. 2011;32(11):1208.	Published before 2012
852	Al-Riyami S, Cunningham SJ, Moles DR. Orthognathic treatment and temporomandibular disorders: a systematic review. Part 2. Signs and symptoms and meta-analyses. Am J Orthod Dentofacial Orthop 2009;136(5):626.e1-16, discussion -7.	Published before 2012
853	Amaya S, Navarrete G, Barrera JP, Godoy S, Prado E, Ramirez A. Efectividad del anclaje esquelético temporal para el cierre de espacios: Revisión sistemática de literatura. CES Odontol. 2011;24(2):49-58.	Published before 2012
854	Antonarakis G, Kiliaridis S. Short-term anteroposterior treatment effects of functional appliances and extraoral traction on class II malocclusion: a meta-analysis. Angle Orthodontist. 2007; 77(5):[907-14 pp.].	Published before 2012
855	Antonarakis GS, Kiliaridis S. Maxillary molar distalization with noncompliance intramaxillary appliances in Class II malocclusion: a systematic review. Angle Orthodontist. 2008; 78(6):[1133-40 pp.].	Published before 2012
856	Antonarakis GS, Kiliaridis S. Short-term anteroposterior treatment effects of functional appliances and extraoral traction on class II malocclusion. A meta-analysis. The Angle orthodontist. 2007;77(5):907-14.	Published before 2012
857	Badovinac RL, Shuman J, Strong E, Hayes C. Folate supplementation during pregnancy and risk for oral clefts: A meta-analysis. Journal of dental research. 2003;82:B306-B.	Published before 2012
858	Benson PE, Shah AA, Millett DT, Dyer F, Parkin N, Vine RS. Fluorides, orthodontics and demineralization: a systematic review. J Orthod 2005;32(2):102-14.	Published before 2012

859	Bollen A, Cunha-Cruz J, Bakko D, Huang G, Huijooel P. The effects of orthodontic therapy on periodontal health: a systematic review of controlled evidence. <i>Journal of the American Dental Association</i> . 2008; 139(4):413-22 pp.].	Published before 2012
860	Buijs GJ, Stegenga B, Bos RR. Efficacy and safety of biodegradable osteofixation devices in oral and maxillofacial surgery: a systematic review. <i>Journal of dental research</i> . 2006;85(11):980-9.	Published before 2012
861	Burke SP, Silveira AM, Goldsmith LJ, Yancey JM, Van Stewart A, Scarfe WC. A meta-analysis of mandibular intercanine width in treatment and postretention. <i>The Angle orthodontist</i> . 1998;68(1):53-60.	Published before 2012
862	Buwembo W, Luboga S. Moyer's method of mixed dentition analysis: a meta-analysis. <i>African health sciences</i> . 2004;4(1):63-6.	Published before 2012
863	Callaghan A, Kendall G, Lock C, Mahony A, Payne J, Verrier L. Association between pacifier use and breast-feeding, sudden infant death syndrome, infection and dental malocclusion. <i>International journal of evidence-based healthcare</i> . 2005;3(6):147-67.	Published before 2012
864	Chadwick BL, Roy J, Knox J, Treasure ET. The effect of topical fluorides on decalcification in patients with fixed orthodontic appliances: a systematic review. <i>Am J Orthod Dentofacial Orthop</i> 2005; 128(5):[601-6 pp.].	Published before 2012
865	Chen JY, Will LA, Niederman R. Analysis of efficacy of functional appliances on mandibular growth. <i>Am J Orthod Dentofacial Orthop</i> 2002;122(5):470-6.	Published before 2012
866	Chen SS, Greenlee GM, Kim JE, Smith CL, Huang GJ. Systematic review of self-ligating brackets. <i>Am J Orthod Dentofacial Orthop</i> 2010;137(6):726.e1-e18; discussion -7.	Published before 2012
867	Cooper JE, Harrison JE, Worthington HV. Drug interventions for pain relief during orthodontic treatment. <i>Cochrane Database of Systematic Reviews</i> . 2003; (1). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD003976/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD003976/abstract</a>	Published before 2012
868	Costa F, Robiony M, Politi M. Stability of sagittal split ramus osteotomy used to correct Class III malocclusion: review of the literature. <i>The International journal of adult orthodontics and orthognathic surgery</i> . 2001;16(2):121-9.	Published before 2012
869	Cozza P, Baccetti T, Franchi L, Toffol L, McNamara JA. Mandibular changes produced by functional appliances in Class II malocclusion: a systematic review. <i>Am J Orthod Dentofacial Orthop</i> 2006; 129(5):[599.e1-e12 pp.].	Published before 2012
870	Cozza P, Mucedero M, Baccetti T, Franchi L. Early orthodontic treatment of skeletal open-bite malocclusion: a systematic review. <i>Angle Orthodontist</i> . 2005; 75(5):[707-13 pp.].	Published before 2012
871	Dan AE, Thygesen TH, Pinholt EM. Corticosteroid administration in oral and orthognathic surgery: a systematic review of the literature and meta-analysis. <i>J Oral Maxillofac Surg</i> . 2010;68(9):2207-20.	Published before 2012
872	Danda AK, Ravi P. Effectiveness of postoperative antibiotics in orthognathic surgery: a meta-analysis. <i>J Oral Maxillofac Surg</i> . 2011;69(10):2650-6.	Published before 2012
873	Derks A, Katsaros C, Frencken JE, van't Hof MA, Kuijpers-Jagtman AM. Caries-inhibiting effect of preventive measures during orthodontic treatment with fixed appliances. A systematic review. <i>Caries research</i> . 2004;38(5):413-20.	Published before 2012
874	Fedorowicz Z, Nasser M, Newton T, Oliver R. Resorbable versus titanium plates for orthognathic surgery. <i>Cochrane Database of Systematic Reviews</i> . 2007; (2). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD006204.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD006204.pub2/abstract</a>	Published before 2012
875	Feldmann I, Bondemark L. Orthodontic anchorage: a systematic review. <i>The Angle orthodontist</i> . 2006;76(3):493-501.	Published before 2012
876	Finnema KJ, Ozcan M, Post WJ, Ren Y, Dijkstra PU. In-vitro orthodontic bond strength testing: a systematic review and meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2010;137(5):615-22.e3.	Published before 2012
877	Fleming PS, Johal A. Self-ligating brackets in orthodontics. A systematic review. <i>The Angle orthodontist</i> . 2010;80(3):575-84.	Published before 2012
878	Fleming PS, Marinho V, Johal A. Orthodontic measurements on digital study models compared with plaster models: a systematic review. <i>Orthodontics &amp; craniofacial research</i> . 2011;14(1):1-16.	Published before 2012
879	Flores-Mir C, Ayeh A, Goswami A, Charkhandeh S. Skeletal and dental changes in class II division 1 malocclusions treated with splint-type Herbst appliances: a systematic review. <i>Angle Orthodontist</i> . 2007; 77(2):[376-81 pp.].	Published before 2012
880	Flores-Mir C, Major MP, Major PW. Soft tissue changes with fixed functional appliances in Class II division 1: a systematic review. <i>Angle Orthodontist</i> . 2006; 76(4):[712-20 pp.].	Published before 2012
881	Flores-Mir C, Major P. A systematic review of cephalometric facial soft tissue changes with the Activator and Bionator appliances in Class II division 1 subjects. <i>Eur J Orthod</i> 2006; 28(6):[586-93 pp.].	Published before 2012
882	Flores-Mir C, Major PW. Cephalometric facial soft tissue changes with the twin block appliance in Class II division 1 malocclusion patients. A systematic review. <i>The Angle orthodontist</i> . 2006;76(5):876-81.	Published before 2012
883	Flores-Mir C, Nebbe B, Major PW. Use of skeletal maturation based on hand-wrist radiographic analysis as a predictor of facial growth: a systematic review. <i>The Angle orthodontist</i> . 2004;74(1):118-24.	Published before 2012
884	Frazao P, Narvai PC, Latorre Mdo R, Castellanos RA. Are severe occlusal problems more frequent in permanent than deciduous dentition? <i>Revista de saude publica</i> . 2004;38(2):247-54.	Published before 2012
885	Friction J, Look JO, Wright E, Alencar FG, Jr., Chen H, Lang M, et al. Systematic review and meta-analysis of randomized controlled trials evaluating intraoral orthopedic appliances for temporomandibular disorders. <i>Journal of orofacial pain</i> . 2010;24(3):237-54.	Published before 2012
886	Fudalej P, Dragan M, Wedrychowska-Szulc B. Prediction of the outcome of orthodontic treatment of Class III malocclusions--a systematic review. <i>Eur J Orthod</i> 2011;33(2):190-7.	Published before 2012
887	Gray D, McIntyre G. Does oral health promotion influence the oral hygiene and gingival health of patients undergoing fixed appliance orthodontic treatment? A systematic literature review. <i>J Orthod</i> 2008; 35(4):[262-9 pp.].	Published before 2012
888	Greenlee GM, Huang GJ, Chen SS, Chen J, Koepsell T, Huijooel P. Stability of treatment for anterior open-bite malocclusion: a meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2011;139(2):154-69.	Published before 2012
889	Guo J, Li C, Zhang Q, Wu G, Deacon SA, Chen J, et al. Secondary bone grafting for alveolar cleft in children with cleft lip or cleft lip and palate. <i>Cochrane Database Syst Rev</i> 2011(6):Cd008050.	Published before 2012
890	Harrison JE, O'Brien KD, Worthington HV. Orthodontic treatment for prominent upper front teeth in children. <i>Cochrane Database Syst Rev</i> 2007(3):Cd003452.	Published before 2012
891	Hashish DI, Mostafa YA. Effect of lip bumpers on mandibular arch dimensions. <i>Am J Orthod Dentofacial Orthop</i> 2009;135(1):106-9.	Published before 2012
892	Health Quality Ontario. Oral appliances for obstructive sleep apnea: an evidence-based analysis. <i>Database of Abstracts of Reviews of Effects</i> . 2009; (2):[1 p.].	Published before 2012
893	Hoekema A, Stegenga B, Bont LG. Efficacy and co-morbidity of oral appliances in the treatment of obstructive sleep apnea-hypopnea: a systematic review. <i>Critical Reviews in Oral Biology and Medicine</i> . 2004; 15(3):[137-55 pp.].	Published before 2012
894	Hunt O, Burden D, Hepper P, Johnston C. The psychosocial effects of cleft lip and palate: a systematic review. <i>Eur J Orthod</i> 2005;27(3):274-85.	Published before 2012
895	Hunt OT, Johnston CD, Hepper PG, Burden DJ. The psychosocial impact of orthognathic surgery: a systematic review. <i>Am J Orthod Dentofacial Orthop</i> 2001; 120(5):[490-6 pp.].	Published before 2012
896	Hutchinson K, Wellman MA, Noe DA, Kahn A. The psychosocial effects of cleft lip and palate in non-Anglo populations: a cross-cultural meta-analysis. <i>Cleft Palate Craniofac J</i> 2011;48(5):497-508.	Published before 2012
897	Jager A, Braumann B, Kim C, Wahner S. Skeletal and dental effects of maxillary protraction in patients with angle class III malocclusion. A meta-analysis. <i>J Orofac Orthop</i> 2001;62(4):275-84.	Published before 2012
898	Jayarathne Y, Zwahlen R, Lo J, Cheung L. Facial soft tissue response to anterior segmental osteotomies: a systematic review. <i>International journal of oral and maxillofacial surgery</i> . 2010; 39(11):[1050-8.	Published before 2012
899	Joss C, Joss-Vassalli I, Berge S, Kuijpers-Jagtman A. Soft tissue profile changes after bilateral sagittal split osteotomy for mandibular setback: a systematic review. <i>Journal of Oral and Maxillofacial Surgery</i> . 2010; 68(11):[792-801.	Published before 2012
900	Kaklamanos EG, Kalfas S. Meta-analysis on the effectiveness of powered toothbrushes for orthodontic patients. <i>Am J Orthod Dentofacial Orthop</i> 2008;133(2):187.e1-14.	Published before 2012
901	Kersey ML, Nebbe B, Major PW. Temporomandibular joint morphology changes with mandibular advancement surgery and rigid internal fixation: a systematic literature review. <i>The Angle orthodontist</i> . 2003;73(1):79-85.	Published before 2012
902	Khazaei S, Shirani AM, Khazaei M, Najafi F. Incidence of cleft lip and palate in Iran. A meta-analysis. <i>Saudi medical journal</i> . 2011;32(4):390-3.	Published before 2012
903	Kim JH, Viana MA, Graber TM, Omerza FF, BeGole EA. The effectiveness of protraction face mask therapy: a meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 1999;115(6):675-85.	Published before 2012
904	Kim MR, Graber TM, Viana MA. Orthodontics and temporomandibular disorder: a meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2002;121(5):438-46.	Published before 2012
905	Koh H, Robinson PG. Occlusal adjustment for treating and preventing temporomandibular joint disorders. <i>Cochrane database of systematic reviews</i> (Online). 2003(1).	Published before 2012
906	Kolokitha OE, Kaklamanos EG, Papadopoulos MA. Prevalence of nickel hypersensitivity in orthodontic patients: a meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2008;134(6):722.e1-e12; discussion -3.	Published before 2012
907	Kuijpers M, Vissink A, Ren Y, Kuijpers-Jagtman A. The effect of antisialogogues in dentistry: a systematic review with a focus on bond failure in orthodontics. <i>Journal of the American Dental Association</i> . 2010; 141(8):[954-65.	Published before 2012
908	Labanaukaite B, Jankauskas G, Vasiliauskas A, Haffar N. Implants for orthodontic anchorage. Meta-analysis. <i>Stomatologija</i> . 2005;7(4):128-32.	Published before 2012
909	Lagravere MO, Heo G, Major PW, Flores-Mir C. Meta-analysis of immediate changes with rapid maxillary expansion treatment. <i>Journal of the American Dental Association</i> (1939). 2006;137(1):44-53.	Published before 2012

910	Lagravere MO, Major PW, Flores-Mir C. Long-term skeletal changes with rapid maxillary expansion: a systematic review. <i>The Angle orthodontist</i> . 2005;75(6):1046-52.	Published before 2012
911	Lagravere MO, Major PW, Flores-Mir C. Skeletal and dental changes with fixed slow maxillary expansion treatment: a systematic review. <i>Journal of the American Dental Association</i> (1939). 2005;136(2):194-9.	Published before 2012
912	Lee AS, Law J, Gibbon FE. Electropalatography for articulation disorders associated with cleft palate. <i>Cochrane Database Syst Rev</i> 2009(3):Cd006854.	Published before 2012
913	Leonardi R, Annunziata A, Licciardello V, Barbato E. Soft tissue changes following the extraction of premolars in nongrowing patients with bimaxillary protrusion: a systematic review. <i>Angle Orthodontist</i> . 2010; 80(1):211-6.	Published before 2012
914	Li F, Hu HK, Chen JW, Liu ZP, Li GF, He SS, et al. Comparison of anchorage capacity between implant and headgear during anterior segment retraction. <i>The Angle orthodontist</i> . 2011;81(5):915-22.	Published before 2012
915	Liao YF, Mars M. Hard palate repair timing and facial growth in cleft lip and palate: a systematic review. <i>Cleft Palate-Craniofacial Journal</i> . 2006; 43(5):563-70.	Published before 2012
916	Lim J, Lasserson TJ, Fleetham J, Wright J. Oral appliances for obstructive sleep apnoea. <i>Cochrane Database Syst Rev</i> 2006(1):Cd004435.	Published before 2012
917	Lindenmeyer A, Sutcliffe P, Eghtessad M, Goulden R, Speculand B, Harris M. Oral and maxillofacial surgery and chronic painful temporomandibular disorders: a systematic review. <i>Journal of Oral and Maxillofacial Surgery</i> . 2010; 68(11):2755-64.	Published before 2012
918	Littlewood S, Millett D, Doubleday B, Bearn D, Worthington H. Orthodontic retention: a systematic review. <i>J Orthod</i> 2006; 33(3):205-12 pp.].	Published before 2012
919	Liu Z, McGrath C, Hagg U. The impact of malocclusion/orthodontic treatment need on the quality of life. A systematic review. <i>The Angle orthodontist</i> . 2009;79(3):585-91.	Published before 2012
920	Liu ZP, Li CJ, Hu HK, Chen JW, Li F, Zou SJ. Efficacy of short-term chin cup therapy for mandibular growth retardation in Class III malocclusion. <i>The Angle orthodontist</i> . 2011;81(1):162-68.	Published before 2012
921	Machado E, Grehs RA, Cunali PA. Imaging from temporomandibular joint during orthodontic treatment: A systematic review. <i>Dental Press J Orthod</i> 2011;16(3):54.e1-e7.	Published before 2012
922	Machado E, Machado P, Cunali PA, Grehs RA. Orthodontics as risk factor for temporomandibular disorders: A systematic review. <i>Dental Press J Orthod</i> 2010;15(6):e.1-e.10.	Published before 2012
923	Mandall N, Millett D, Mattick C, Hickman J, Worthington H, Macfarlane T. Orthodontic adhesives: a systematic review. <i>J Orthod</i> 2002; 29(3):205-10 pp.].	Published before 2012
924	Mandall NA, Millett DT, Mattick CR, Hickman J, Macfarlane TV, Worthington HV. Adhesives for fixed orthodontic brackets. <i>Cochrane Database Syst Rev</i> 2003(2):Cd002282.	Published before 2012
925	Marsico E, Gatto E, Burrascano M, Matarese G, Cordasco G. Effectiveness of orthodontic treatment with functional appliances on mandibular growth in the short term. <i>Am J Orthod Dentofacial Orthop</i> 2011;139(1):24-36.	Published before 2012
926	Masioli DLC, Brunharo IHPV, Noronha MdP, Moliterno LFM, Capelli Junior J, Fernandes AFC. Odontologia baseada em evidências: estratégia de busca para o tratamento ortodôntico precoce da malocclusão Classe II de Angle. <i>UFES rev odontol</i> . 2005;7(1):11-7.	Published before 2012
927	Mattheeuws N, Dermaut L, Martens G. Has hypodontia increased in Caucasians during the 20th century? A meta-analysis. <i>Eur J Orthod</i> 2004;26(1):99-103.	Published before 2012
928	Mattos CT, Vilani GN, Sant'Anna EF, Ruellas AC, Maia LC. Effects of orthognathic surgery on oropharyngeal airway: a meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2011;40(12):1347-56.	Published before 2012
929	Miles PG, Vig PS, Weyant RJ, Forrest TD, Rockette HE. Craniofacial structure and obstructive sleep apnea syndrome - A qualitative analysis and meta-analysis of the literature. <i>Am J Orthod Dentofacial Orthop</i> 1996;109(2):163-72.	Published before 2012
930	Millett D, Mandall N, Hickman J, Mattick R, Glenney AM. Adhesives for fixed orthodontic bands. A systematic review. <i>The Angle orthodontist</i> . 2009;79(1):193-9.	Published before 2012
931	Millett DT, Cunningham S, O'Brien KD, Benson PE, Williams A, de OCM. Orthodontic treatment for deep bite and retroclined upper front teeth in children. <i>Cochrane Database of Systematic Reviews</i> . 2006; (4). Available from: <a href="http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD005972.pub2/abstract">http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD005972.pub2/abstract</a>	Published before 2012
932	Millett DT, Mandall NA, Mattick RC, Hickman J, Glenney AM. Adhesives for bonded molar tubes during fixed brace treatment. <i>Cochrane Database Syst Rev</i> 2011(6):Cd008236.	Published before 2012
933	Mills JR. The effect of functional appliances on the skeletal pattern. <i>Br J Orthod</i> 1991;18(4):267-75.	Published before 2012
934	Moore NL. Suffer the little children: fixed intraoral habit appliances for treating childhood thumbsucking habits: a critical review of the literature. <i>Int J Orofac Myol</i> 2002;28:6-38.	Published before 2012
935	Mucedero M, Coviello A, Baccetti T, Franchi L, Cozza P. Stability factors after double-jaw surgery in Class III malocclusion. A systematic review. <i>The Angle orthodontist</i> . 2008;78(6):1141-52.	Published before 2012
936	Naoumova J, Kuroi J, Kjellberg H. A systematic review of the interceptive treatment of palatally displaced maxillary canines. <i>Eur J Orthod</i> 2011; 33(2):143-9 pp.].	Published before 2012
937	Ng J, Major PW, Heo G, Flores-Mir C. True incisor intrusion attained during orthodontic treatment: a systematic review and meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2005;128(2):212-9.	Published before 2012
938	Nguyen QV, Bezemer PD, Habets L, Prah-Andersen B. A systematic review of the relationship between overjet size and traumatic dental injuries. <i>Eur J Orthod</i> 1999;21(5):503-15.	Published before 2012
939	Niu Y, Zhou H. [Effect on functional appliances on mandibular growth on skeletal Class II malocclusion: a systematic review]. <i>Hua xi kou qiang yi xue za zhi = Huaxi kouqiang yixue zazhi = West China journal of stomatology</i> . 2011;29(4):384-8.	Published before 2012
940	Nollet PJ, Katsaros C, Van't Hof MA, Kuijpers-Jagtman AM. Treatment outcome in unilateral cleft lip and palate evaluated with the GOSLON yardstick: a meta-analysis of 1236 patients. Plastic and reconstructive surgery. 2005;116(5):1255-62.	Published before 2012
941	Ohashi E, Pecho OE, Moron M, Lagravere MO. \ Angle Orthodontist. 2006; 76(4):721-7.	Published before 2012
942	Papadopoulos MA, Chatzoudi M, Kaklamanos EG. Prevalence of tooth transposition. A meta-analysis. <i>The Angle orthodontist</i> . 2010;80(2):275-85.	Published before 2012
943	Papadopoulos MA, Chatzoudi M, Karagiannis V. Assessment of characteristic features and dental anomalies accompanying tooth transposition: a meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2009;136(3):308.e1-10; discussion -9.	Published before 2012
944	Papadopoulos MA, Papageorgiou SN, Zogakis IP. Clinical effectiveness of orthodontic miniscrew implants: a meta-analysis. <i>Journal of dental research</i> . 2011;90(8):969-76.	Published before 2012
945	Parkin N, Benson PE, Thind B, Shah A. Open versus closed surgical exposure of canine teeth that are displaced in the roof of the mouth. <i>Cochrane Database of Systematic Reviews</i> . 2008; (4).	Published before 2012
946	Perillo L, Cannavale R, Ferro F, Franchi L, Masucci C, Chiodini P, et al. Meta-analysis of skeletal mandibular changes during Frankel appliance treatment. <i>Eur J Orthod</i> 2011;33(1):84-92.	Published before 2012
947	Petren S, Bondemark L, Soderfeldt B. A systematic review concerning early orthodontic treatment of unilateral posterior crossbite. <i>The Angle orthodontist</i> . 2003;73(5):588-96.	Published before 2012
948	Polder BJ, Van't Hof MA, Van der Linden FP, Kuijpers-Jagtman AM. A meta-analysis of the prevalence of dental agenesis of permanent teeth. <i>Community dentistry and oral epidemiology</i> . 2004;32(3):217-26.	Published before 2012
949	Popowich K, Nebbe B, Major PW. Effect of Herbst treatment on temporomandibular joint morphology: a systematic literature review. <i>Am J Orthod Dentofacial Orthop</i> 2003;123(4):388-94.	Published before 2012
950	Ren Y, Maltha JC, Kuijpers-Jagtman AM. Optimum force magnitude for orthodontic tooth movement: a systematic literature review. <i>The Angle orthodontist</i> . 2003;73(1):86-92.	Published before 2012
951	Reynders R, Ronchi L, Bipat S. Mini-implants in orthodontics: a systematic review of the literature. <i>Am J Orthod Dentofacial Orthop</i> 2009; 135(5):564.e1-e19.	Published before 2012
952	Riley M, Bearn DR. A systematic review of clinical trials of aligning archwires. <i>J Orthod</i> 2009;36(1):42-51; discussion 15.	Published before 2012
953	Rinchuse DJ, Kandasamy S. Articulators in orthodontics: An evidence-based perspective. <i>Am J Orthod Dentofacial Orthop</i> 2006;129(2):299-308.	Published before 2012
954	Robinson PG, Deacon SA, Deery C, Heanue M, Walmsley AD, Worthington HV, et al. Manual versus powered toothbrushing for oral health. <i>Cochrane Database of Systematic Reviews</i> . 2005(2).	Published before 2012
955	Rogers S, Chadwick B, Treasure E. Fluoride-containing orthodontic adhesives and decalcification in patients with fixed appliances: a systematic review. <i>Am J Orthod Dentofacial Orthop</i> 2010; 138(4):390.e1-e8.	Published before 2012
956	Rotundo R, Nieri M, Iachetti G, Mervelt J, Cairo F, Baccetti T, et al. Orthodontic treatment of periodontal defects. A systematic review. <i>Prog Orthod</i> 2010;11(1):41-4.	Published before 2012
957	Sacchetto L, Berzaghi A, Martinolli M, Bortolini S. Timing of treatment and the concept of urgency in orthodontics. Guidelines and review of the literature. <i>Dental Cadmos</i> . 2011;79(9):620-8.	Published before 2012
958	Schatzle M, Mannchen R, Zwahlen M, Lang NP. Survival and failure rates of orthodontic temporary anchorage devices: a systematic review. <i>Clinical oral implants research</i> . 2009;20(12):1351-9.	Published before 2012
959	Schiffman PH, Tuncay OC. Maxillary expansion: a meta analysis. <i>Clinical orthodontics and research</i> . 2001;4(2):86-96.	Published before 2012
960	Schmidt-Nowara W, Lowe A, Wiegand L, Cartwright R, Perez-Guerra F, Menn S. Oral appliances for the treatment of snoring and obstructive sleep apnea: a review. <i>Sleep</i> . 1995; 18(6):501-10.	Published before 2012

961	Segal GR, Schiffman PH, Tuncay OC. Meta analysis of the treatment-related factors of external apical root resorption. <i>Orthodontics &amp; craniofacial research</i> . 2004;7(2):71-8.	Published before 2012
962	Shaw WC, Mandall NA, Mattick CR. Ethical and scientific decision making in distraction osteogenesis. <i>Cleft Palate Craniofac J</i> 2002;39(6):641-5.	Published before 2012
963	Skeggs RM, Benson PE, Dyer F. Reinforcement of anchorage during orthodontic brace treatment with implants or other surgical methods. <i>Cochrane Database Syst Rev</i> 2007(3):Cd005098.	Published before 2012
964	Tan SK, Lo J, Zvahlen RA. Perioperative antibiotic prophylaxis in orthognathic surgery: a systematic review and meta-analysis of clinical trials. <i>Oral surgery, oral medicine, oral pathology, oral radiology, and endodontics</i> . 2011;112(1):19-27.	Published before 2012
965	Toffol LD, Pavoni C, Baccetti T, Franchi L, Cozza P. Orthopedic treatment outcomes in Class III malocclusion: a systematic review. <i>Angle Orthodontist</i> . 2008; 78(3):561-73 pp.].	Published before 2012
966	Tsukiyama Y, Baba K, Clark GT. An evidence-based assessment of occlusal adjustment as a treatment for temporomandibular disorders. <i>Journal of Prosthetic Dentistry</i> . 2001;86(1):57-66.	Published before 2012
967	Uzel A, Alparslan Z. Long-term effects of presurgical infant orthopedics in patients with cleft lip and palate: a systematic review. <i>Cleft Palate-Craniofacial Journal</i> . 2011; 48(5):587-95.	Published before 2012
968	Verstraeten J, Kuijpers-Jagtman A, Mommaerts M, Berge S, Nada R, Schols J. A systematic review of the effects of bone-borne surgical assisted rapid maxillary expansion. <i>Journal of Cranio-Maxillo-Facial Surgery</i> . 2010; 38(3):166-74.	Published before 2012
969	von Bohl M, Kuijpers-Jagtman AM. Hyalinization during orthodontic tooth movement: a systematic review on tissue reactions. <i>Eur J Orthod</i> 2009;31(1):30-6.	Published before 2012
970	Weinberg SM, Maher BS, Marazita ML. Parental craniofacial morphology in cleft lip with or without cleft palate as determined by cephalometry: a meta-analysis. <i>Orthodontics &amp; craniofacial research</i> . 2006;9(1):18-30.	Published before 2012
971	Xiaoting L, Yin T, Yangxi C. Interventions for pain during fixed orthodontic appliance therapy. A systematic review. <i>The Angle orthodontist</i> . 2010;80(5):925-32.	Published before 2012
972	Zhang M, McGrath C, Hägg U. The impact of malocclusion and its treatment on quality of life: A literature review. <i>International journal of paediatric dentistry</i> . 2006;16(6):381-7.	Published before 2012
973	Nasser M, Fedorowicz Z, Newton T, Nouri M. Interventions for the management of submucous cleft palate. <i>Cochrane Database of Systematic Reviews</i> . 2016; (1).	Withdrawn review
974	Elkordy SA, Aboelnaga AA, Fayed MM, AboulFotouh MH, Abouelezz AM. Can the use of skeletal anchors in conjunction with fixed functional appliances promote skeletal changes? A systematic review and meta-analysis. <i>Eur J Orthod</i> 2016;38(5):532-45.	Registered in other register
975	Roscoe MG. Reabsorção radicular inflamatória induzida ortodonticamente: revisão sistemática e análise por elementos finitos. 2015:112-.	Duplicate review
1088	Marquezan M. Associação entre a estabilidade primária de mini-implantes ortodônticos e a qualidade dos substratos ósseos receptores. 2013:132-.	Published as thesis
977	Agostino P, Ugolini A, Signori A, Silvestrini-Biavati A, Harrison JE, Riley P. Orthodontic treatment for posterior crossbites. <i>Cochrane Database Syst Rev</i> 2014(8):Cd000979.	Cochrane review
978	Ahangari Z, Nasser M, Mahdian M, Fedorowicz Z, Marchesan MA. Interventions for the management of external root resorption. <i>Cochrane Database of Systematic Reviews</i> . 2015; (11).	Cochrane review
997	Benson PE, Parkin N, Dyer F, Millett DT, Furness S, Germain P. Fluorides for the prevention of early tooth decay (demineralised white lesions) during fixed brace treatment. <i>Cochrane Database Syst Rev</i> 2013(12):Cd003809.	Cochrane review
1006	Carvalho FR, Lentini-Oliveira DA, Prado LB, Prado GF, Carvalho LB. Oral appliances and functional orthopaedic appliances for obstructive sleep apnoea in children. <i>Cochrane Database of Systematic Reviews</i> . 2016; (10).	Cochrane review
1017	El-Angbawi A, McIntyre GT, Fleming PS, Bearn DR. Non-surgical adjunctive interventions for accelerating tooth movement in patients undergoing fixed orthodontic treatment. <i>Cochrane Database of Systematic Reviews</i> . 2015; (11).	Cochrane review
1025	Fleming PS, Fedorowicz Z, Johal A, El-Angbawi A, Pandis N. Surgical adjunctive procedures for accelerating orthodontic treatment. <i>Cochrane Database Syst Rev</i> 2015(6):Cd010572.	Cochrane review
1045	Hu H, Li C, Li F, Chen J, Sun J, Zou S, et al. Enamel etching for bonding fixed orthodontic braces. <i>Cochrane Database Syst Rev</i> 2013(11):Cd005516.	Cochrane review
1052	Jambi S, Thiruvenkatachari B, O'Brien KD, Walsh T. Orthodontic treatment for distalising upper first molars in children and adolescents. <i>Cochrane Database Syst Rev</i> 2013(10):Cd008375.	Cochrane review
1053	Jambi S, Walsh T, Sandler J, Benson PE, Skeggs RM, O'Brien KD. Reinforcement of anchorage during orthodontic brace treatment with implants or other surgical methods. <i>Cochrane Database Syst Rev</i> 2014(8):Cd005098.	Cochrane review
1059	Jian F, Lai W, Furness S, McIntyre GT, Millett DT, Hickman J, et al. Initial arch wires for tooth alignment during orthodontic treatment with fixed appliances. <i>Cochrane Database Syst Rev</i> 2013(4):Cd007859.	Cochrane review
1066	Kloukos D, Fudalej P, Sequeira-Byron P, Katsaros C. Maxillary distraction osteogenesis versus orthognathic surgery for cleft lip and palate patients. <i>Cochrane Database of Systematic Reviews</i> . 2016; (9).	Cochrane review
1073	Lentini-Oliveira DA, Carvalho FR, Rodrigues CG, Ye Q, Prado LB, Prado GF, et al. Orthodontic and orthopaedic treatment for anterior open bite in children. <i>Cochrane Database Syst Rev</i> 2014(9):Cd005515.	Cochrane review
1077	Littlewood SJ, Millett DT, Doubleday B, Bearn DR, Worthington HV. Retention procedures for stabilising tooth position after treatment with orthodontic braces. <i>Cochrane Database of Systematic Reviews</i> . 2016; (1).	Cochrane review
1096	Millett DT, Glenni AM, Mattick CR, Hickman J, Mandall NA. Adhesives for fixed orthodontic bands. <i>Cochrane Database Syst Rev</i> 2016(3):Cd004485.	Cochrane review
1097	Minami-Sugaya H, Lentini-Oliveira DA, Carvalho FR, Machado MA, Marzola C, Saconato H, et al. Treatments for adults with prominent lower front teeth. <i>Cochrane Database Syst Rev</i> 2012(5):Cd006963.	Cochrane review
1147	Thiruvenkatachari B, Harrison JE, Worthington HV, O'Brien KD. Orthodontic treatment for prominent upper front teeth (Class II malocclusion) in children. <i>Cochrane Database Syst Rev</i> 2013(11):Cd003452.	Cochrane review
1159	Watkinson S, Harrison JE, Furness S, Worthington HV. Orthodontic treatment for prominent lower front teeth (Class III malocclusion) in children. <i>Cochrane Database Syst Rev</i> 2013(9):Cd003451.	Cochrane review
1167	Yu Y, Sun J, Lai W, Wu T, Koshy S, Shi Z. Interventions for managing relapse of the lower front teeth after orthodontic treatment. <i>Cochrane Database of Systematic Reviews</i> . 2013; (9).	Cochrane review
<b>Nr</b>	<b>Paper</b>	<b>Status</b>
976	Abbott M, Meara J. Nasoalveolar molding in cleft care: is it efficacious?. <i>Plastic and reconstructive surgery</i> . 2012; 130(3):659-66 pp.].	Included
979	Akbani M, Lankarani KB, Honarvar B, Tabrizi R, Mirhadi H, Moosazadeh M. Prevalence of malocclusion among Iranian children: A systematic review and meta-analysis. <i>Dental research journal</i> . 2016;13(5):387-95.	Included
980	Alfawal AM, Hajeer MY, Ajaj MA, Hamadah O, Brad B. Effectiveness of minimally invasive surgical procedures in the acceleration of tooth movement: a systematic review and meta-analysis. <i>Prog Orthod</i> 2016;17(1):33.	Included
981	Aljabaa A, McDonald F, Newton J. A systematic review of randomized controlled trials of interventions to improve adherence among orthodontic patients aged 12 to 18. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):[epub.	Included
982	Al-Jewair TS. Meta-analysis on the mandibular dimensions effects of the MARA appliance in patients with Class II malocclusions. <i>The Angle orthodontist</i> . 2015;85(4):706-14.	Included
983	Al-Moghrabi D, Pandis N, Fleming PS. The effects of fixed and removable orthodontic retainers: a systematic review. <i>Prog Orthod</i> 2016;17(1):24.	Included
984	Al-Moraissi EA, Al-Magaleh SM, Iskandar RA, Al-Hendi EA. Impact on the pharyngeal airway space of different orthognathic procedures for the prognathic mandible. <i>International journal of oral and maxillofacial surgery</i> . 2015;44(9):1110-8.	Included
985	Al-Moraissi EA, Wolford LM. Does Temporomandibular Joint Pathology With or Without Surgical Management Affect the Stability of Counterclockwise Rotation of the Maxillomandibular Complex in Orthognathic Surgery? A Systematic Review and Meta-Analysis. <i>J Oral Maxillofac Surg</i> . 2016.	Included
986	Al-Moraissi EA, Wolford LM. Is Counterclockwise Rotation of the Maxillomandibular Complex Stable Compared With Clockwise Rotation in the Correction of Dentofacial Deformities? A Systematic Review and Meta-Analysis. <i>J Oral Maxillofac Surg</i> . 2016;74(10):2066.e1-e12.	Included
987	Almpani K, Papageorgiou SN, Papadopoulos MA. Autotransplantation of teeth in humans: a systematic review and meta-analysis. <i>Clinical oral investigations</i> . 2015;19(6):1157-79.	Included
988	Alsafadi AS, Alabdullah MM, Saltaji H, Abdo A, Youssef M. Effect of molar intrusion with temporary anchorage devices in patients with anterior open bite: a systematic review. <i>Prog Orthod</i> 2016;17:9.	Included
989	Altmann AS, Collares FM, Leitune VC, Samuel SM. The effect of antimicrobial agents on bond strength of orthodontic adhesives: a meta-analysis of in vitro studies. <i>Orthodontics &amp; craniofacial research</i> . 2016;19(1):1-9.	Included
990	Andiappan M, Gao W, Bernabe E, Kandala NB, Donaldson AN. Malocclusion, orthodontic treatment, and the Oral Health Impact Profile (OHIP-14): Systematic review and meta-analysis. <i>The Angle orthodontist</i> . 2015;85(3):493-500.	Included
991	Andrade D, Loureiro C, Araujo V, Riera R, Atallah A. Treatment for agenesis of maxillary lateral incisors: a systematic review. <i>Database of Abstracts of Reviews of Effects</i> . 2013; (2):129-36.	Included
992	Angelopoulou MV, Vlachou V, Halazonetis DJ. Pharmacological management of pain during orthodontic treatment: a meta-analysis. <i>Orthodontics &amp; craniofacial research</i> . 2012;15(2):71-83.	Included

993	Arnold S, Koletsi D, Patcas R, Eliades T. The effect of bracket ligation on the periodontal status of adolescents undergoing orthodontic treatment. A systematic review and meta-analysis. <i>Journal of dentistry</i> . 2016;54:13-24.	Included
994	Ata-Ali F, Ata-Ali J, Ferrer-Molina M, Cobo T, De Carlos F, Cobo J. Adverse effects of lingual and buccal orthodontic techniques: A systematic review and meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2016;149(6):820-9.	Included
995	Atala-Acevedo C, Abarca J, Martinez-Zapata MJ, Diaz J, Olate S, Zaror C. Success Rate of Autotransplantation of Teeth With an Open Apex: Systematic Review and Meta-Analysis. <i>J Oral Maxillofac Surg</i> . 2016.	Included
996	Austin S, Mattick C, Waterhouse P. Distraction osteogenesis versus orthognathic surgery for the treatment of maxillary hypoplasia in cleft lip and palate patients: a systematic review. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):1epub.	Included
998	Bichara LM, Araujo RC, Flores-Mir C, Normando D. Impact of primary palatoplasty on the maxillomandibular sagittal relationship in patients with unilateral cleft lip and palate: a systematic review and meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2015;44(1):50-6.	Included
999	Bock NC, von Bremen J, Ruf S. Stability of Class II fixed functional appliance therapy--a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016;38(2):129-39.	Included
1000	Bohl M, Ren Y, Fudalej P, Kuijpers-Jagtman A. Pulpal reactions to orthodontic force application in humans: a systematic review. <i>Journal of endodontics</i> . 2012; 38(11):1463-9.	Included
1001	Brons S, van Beusichem ME, Bronkhorst EM, Draaisma J, Berge SJ, Maal TJ, et al. Methods to quantify soft-tissue based facial growth and treatment outcomes in children: a systematic review. <i>PLoS one</i> . 2012;7(8):e41898.	Included
1002	Brons S, van Beusichem ME, Bronkhorst EM, Draaisma JM, Berge SJ, Schols JG, et al. Methods to quantify soft tissue-based cranial growth and treatment outcomes in children: a systematic review. <i>PLoS one</i> . 2014;9(2):e89602.	Included
1003	Buck LM, Dalci O, Darendellier MA, Papadopolou AK. Effect of Surgically Assisted Rapid Maxillary Expansion on Upper Airway Volume: A Systematic Review. <i>J Oral Maxillofac Surg</i> . 2016;74(5):1025-43.	Included
1004	Buck LM, Dalci O, Darendellier MA, Papageorgiou SN, Papadopolou AK. Volumetric upper airway changes after rapid maxillary expansion: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016.	Included
1005	Buzatta LN, Shimizu RH, Shimizu IA, Pacheco-Pereira C, Flores-Mir C, Taba M, Jr., et al. Gingival condition associated with two types of orthodontic fixed retainers: a meta-analysis. <i>Eur J Orthod</i> 2016.	Included
1007	Celar A, Schedlberger M, Dorfler P, Bertl M. Systematic review on self-ligating vs. conventional brackets: initial pain, number of visits, treatment time. <i>J Orofac Orthop</i> 2013;74(1):40-51.	Included
1008	Chatzoudi MI, Ioannidou-Marathiotou I, Papadopoulos MA. Clinical effectiveness of chin cup treatment for the management of Class III malocclusion in pre-pubertal patients: a systematic review and meta-analysis. <i>Prog Orthod</i> 2014;15:62.	Included
1009	Cheng HC, Wang YC, Tam KW, Yen MF. Effects of tooth extraction on smile esthetics and the buccal corridor: A meta-analysis. <i>Journal of Dental Sciences</i> . 2016.	Included
1010	Christovam IO, Lisboa CO, Ferreira DM, Cury-Saramago AA, Mattos CT. Upper airway dimensions in patients undergoing orthognathic surgery: a systematic review and meta-analysis. <i>International journal of oral and maxillofacial surgery</i> . 2016;45(4):460-71.	Included
1011	Cordasco G, Matarese G, Rustico L, Fastuca S, Caprioglio A, Lindauer SJ, et al. Efficacy of orthopedic treatment with protraction facemask on skeletal Class III malocclusion: a systematic review and meta-analysis. <i>Orthodontics &amp; craniofacial research</i> . 2014;17(3):133-43.	Included
1012	Correa Cde C, Bueno Mda R, Lauris JR, Berretin-Felix G. Interference of conventional and orthodontic nipples in system stomatognathic: systematic review. <i>CoDAS</i> . 2016;28(2):182-9.	Included
1013	Dallessandri D, Salgarello S, Dalessandri M, Lazzaroni E, Pinciano M, Paganelli C, et al. Determinants for success rates of temporary anchorage devices in orthodontics: a meta-analysis (n > 50). <i>Eur J Orthod</i> 2014;36(3):303-13.	Included
1014	de Almeida VL, de Andrade Gois VL, Andrade RN, Cesar CP, de Albuquerque-Junior RL, de Mello Rode S, et al. Efficiency of low-level laser therapy within induced dental movement: A systematic review and meta-analysis. <i>Journal of photochemistry and photobiology B, Biology</i> . 2016;158:258-66.	Included
1015	Diar-Bakirly S, Feres MF, Saltaji H, Flores-Mir C, El-Bialy T. Effectiveness of the transpalatal arch in controlling orthodontic anchorage in maxillary premolar extraction cases: A systematic review and meta-analysis. <i>The Angle orthodontist</i> . 2016.	Included
1016	Ehsani S, Nebbe B, Normando D, Lagravere MO, Flores-Mir C. Short-term treatment effects produced by the Twin-block appliance: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2015;37(2):170-6.	Included
1018	Fang J, Li Y, Zhang K, Zhao Z, Mei L. Escaping the Adverse Impacts of NSAIDs on Tooth Movement During Orthodontics: Current Evidence Based on a Meta-Analysis. <i>Medicine</i> . 2016;95(16):e3256.	Included
1019	Feng X, Li J, Li Y, Zhao S, Zhao S, Wang J. Effectiveness of TAD-anchored maxillary protraction in late mixed dentition. <i>The Angle orthodontist</i> . 2012;82(6):1107-14.	Included
1020	Feres MF, Abreu LG, Insabralde NM, de Almeida MR, Flores-Mir C. Effectiveness of open bite correction when managing deleterious oral habits in growing children and adolescents: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016.	Included
1021	Fernández-Ferrer L, Montiel-Company JM, Pinho T, Almerich-Silla JM, Bellot-Arcis C. Effects of mandibular setback surgery on upper airway dimensions and their influence on obstructive sleep apnoea - A systematic review. <i>Journal of Cranio-Maxillofacial Surgery</i> . 2015;43(2):248-53.	Included
1022	Filho H, Maia L, Lau T, Souza M, Maia L. Early vs late orthodontic treatment of tooth crowding by first premolar extraction: a systematic review. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):1epub.	Included
1023	Fleming P, Johal A, Pandis N. The effectiveness of laceback ligatures during initial orthodontic alignment: a systematic review and meta-analysis. <i>Database of Abstracts of Reviews of Effects</i> . 2013; (2):539-46.	Included
1024	Fleming PS, Eliades T, Katsaros C, Pandis N. Curing lights for orthodontic bonding: a systematic review and meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2013;143(4 Suppl):S92-103.	Included
1026	Fleming PS, Johal A, Pandis N. Self-etch primers and conventional acid-etch technique for orthodontic bonding: a systematic review and meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2012;142(1):83-94.	Included
1027	Flores-Mir C, McGrath L, Heo G, Major P. Efficiency of molar distalization associated with second and third molar eruption stage: a systematic review. <i>Angle Orthodontist</i> . 2013; 83(4):735-42.	Included
1028	Foersch M, Jacobs C, Wriedt S, Hechtner M, Wehrbein H. Effectiveness of maxillary protraction using facemask with or without maxillary expansion: a systematic review and meta-analysis. <i>Clinical oral investigations</i> . 2015;19(6):1181-92.	Included
1029	Fontana M, Cozzani M, Caprioglio A. Non-compliance maxillary molar distalizing appliances: an overview of the last decade. <i>Prog Orthod</i> 2012; 13(2):173-84.	Included
1030	Freitas A, Marquezan M, Nojima M, Alviano D, Maia L. The influence of orthodontic fixed appliances on the oral microbiota: a systematic review. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):46-55.	Included
1031	Ge MK, He WL, Chen J, Wen C, Yin X, Hu ZA, et al. Efficacy of low-level laser therapy for accelerating tooth movement during orthodontic treatment: a systematic review and meta-analysis. <i>Lasers in medical science</i> . 2015;30(5):1609-18.	Included
1032	Gkantidis N, Mistakidis I, Kouskoura T, Pandis N. Effectiveness of non-conventional methods for accelerated orthodontic tooth movement: a systematic review and meta-analysis. <i>Journal of dentistry</i> . 2014;42(10):1300-19.	Included
1033	Golz L, Papageorgiou SN, Jager A. Nickel hypersensitivity and orthodontic treatment: a systematic review and meta-analysis. <i>Contact dermatitis</i> . 2015;73(1):1-14.	Included
1034	Gong A, Li J, Wang Z, Li Y, Hu F, Li Q, et al. Cranial base characteristics in anteroposterior malocclusions: A meta-analysis. <i>The Angle orthodontist</i> . 2016;86(4):668-80.	Included
1035	Grec RH, Janson G, Branco NC, Moura-Grec PG, Patel MP, Castanha Henriques JF. Intraoral distalizer effects with conventional and skeletal anchorage: a meta-analysis. <i>Am J Orthod Dentofacial Orthop</i> 2013;143(5):602-15.	Included
1036	Gritsch K, Laroche N, Morgon L, Al-Hity R, Vico L, Colon P, et al. A systematic review of methods for tissue analysis in animal studies on orthodontic mini-implants. <i>Orthodontics and Craniofacial Research</i> . 2012;15(3):135-47.	Included
1037	Haas A, Pannuti C, Andrade A, Escobar E, Almeida E, Costa F, et al. Mouthwashes for the control of supragingival biofilm and gingivitis in orthodontic patients: evidence-based recommendations for clinicians. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):1-8.	Included
1038	Hassan AH, Al-Saeed SH, Al-Maghlouth BA, Bahammam MA, Linjawi AI, El-Bialy TH. Corticotomy-assisted orthodontic treatment: A systematic review of the biological basis and clinical effectiveness. <i>Saudi medical journal</i> . 2015;36(7):794-801.	Included
1039	He WL, Li CJ, Liu ZP, Sun JF, Hu ZA, Yin X, et al. Efficacy of low-level laser therapy in the management of orthodontic pain: a systematic review and meta-analysis. <i>Lasers in medical science</i> . 2013;28(6):1581-9.	Included
1040	Hermont AP, Martins CC, Zina LG, Auad SM, Paiva SM, Pordeus IA. Breastfeeding, bottle feeding practices and malocclusion in the primary dentition: a systematic review of cohort studies. <i>International journal of environmental research and public health</i> . 2015;12(3):3133-51.	Included
1041	Hochli D, Hersberger-Zurfluh M, Papageorgiou SN, Eliades T. Interventions for orthodontically induced white spot lesions: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016.	Included
1042	Homem M, Vieira-Andrade R, Falcí S, Ramos-Jorge M, Marques L. Effectiveness of orofacial myofunctional therapy in orthodontic patients: a systematic review. <i>Database of Abstracts of Reviews of Effects</i> . 2014; (2):94-9.	Included



1043	Hong SB, Kusnoto B, Kim EJ, BeGole EA, Hwang HS, Lim HJ. Prognostic factors associated with the success rates of posterior orthodontic miniscrew implants: A subgroup meta-analysis. Korean J Orthod 2016;46(2):111-26.	Included
1044	Hoogeveen E, Jansma J, Ren Y. Surgically facilitated orthodontic treatment: a systematic review. Am J Orthod Dentofacial Orthop 2014; 145(4 Supplement):S51-64.	Included
1046	Huang GJ, Bates SB, Ehrlert AA, Whiting DP, Chen SSH, Bollen AM. Stability of deep-bite correction: A systematic review. Journal of the World Federation of Orthodontists. 2012;1(3):e89-e96.	Included
1047	Huynh NT, Desplats E, Almeida FR. Orthodontics treatments for managing obstructive sleep apnea syndrome in children: A systematic review and meta-analysis. Sleep medicine reviews. 2016;25:84-94.	Included
1048	Ioannidou-Marathiotou I, Zafeiriadis AA, Papadopoulos MA. Root resorption of endodontically treated teeth following orthodontic treatment: a meta-analysis. Clinical oral investigations. 2013;17(7):1733-44.	Included
1049	Ishaq RA, AlHammadi MS, Fayed MM, El-Ezz AA, Mostafa Y. Fixed functional appliances with multibracket appliances have no skeletal effect on the mandible: A systematic review and meta-analysis. Am J Orthod Dentofacial Orthop 2016;149(5):612-24.	Included
1050	Ivorra-Carbonell L, Montiel-Company JM, Almerich-Silla JM, Paredes-Gallardo V, Bellot-Arcis C. Impact of functional mandibular advancement appliances on the temporomandibular joint - A systematic review. Medicina oral, patologia oral y cirugía bucal. 2016;21(5):e565-e72.	Included
1051	Jacob H, Buschang P, Santos-Pinto A. Class II malocclusion treatment using high-pull headgear with a splint: a systematic review. Database of Abstracts of Reviews of Effects. 2013; (2):21.e1-7.	Included
1054	Janiszewska-Olszowska J, Szatkiewicz T, Tomkowski R, Tandecka K, Grochowiec K. Effect of orthodontic debonding and adhesive removal on the enamel - current knowledge and future perspectives - a systematic review. Medical science monitor : international medical journal of experimental and clinical research. 2014;20:1991-2001.	Included
1055	Janson G, Aliaga-Del Castillo A, Niederberger A. Changes in apical base sagittal relationship in Class II malocclusion treatment with and without premolar extractions: A systematic review and meta-analysis. The Angle orthodontist. 2016.	Included
1056	Janson G, Sathler R, Fernandes TM, Branco NC, Freitas MR. Correction of Class II malocclusion with Class II elastics: a systematic review. Am J Orthod Dentofacial Orthop 2013;143(3):383-92.	Included
1057	Javed F, Al-Kheraif AA, Romanos EB, Romanos GE. Influence of orthodontic forces on human dental pulp: A systematic review. Archives of Oral Biology. 2015;60(2):347-56.	Included
1058	Jayaraman J, Wong HM, King NM, Roberts GJ. The French-Canadian data set of Demirjian for dental age estimation: a systematic review and meta-analysis. Journal of forensic and legal medicine. 2013;20(5):373-81.	Included
1060	Kaklamanos EG, Kolokitha OE. Relation between soft tissue and skeletal changes after mandibular setback surgery: A systematic review and meta-analysis. J Craniomaxillofac Surg 2016;44(4):427-35.	Included
1061	Kalemaj Z, Debernardi CL, Buti J. Efficacy of surgical and non-surgical interventions on accelerating orthodontic tooth movement: a systematic review. European journal of oral implantology. 2015;8(1):9-24.	Included
1062	Kapoor P, Kharbada O, Monga N, Miglani R, Kapila S. Effect of orthodontic forces on cytokine and receptor levels in gingival crevicular fluid: a systematic review. Prog Orthod 2014; (2):[65 p.].	Included
1063	Katyal V, Pamula Y, Martin AJ, Daynes CN, Kennedy JD, Sampson WJ. Craniofacial and upper airway morphology in pediatric sleep-disordered breathing: Systematic review and meta-analysis. Am J Orthod Dentofacial Orthop 2013;143(1):20-30.e3.	Included
1064	Khamashta-Ledezma L, Naini FB. Systematic review of changes in maxillary incisor exposure and upper lip position with le Fort I type osteotomies with or without cinch sutures and/or VY closures. International journal of oral and maxillofacial surgery. 2014;43(1):46-61.	Included
1065	Kloukos D, Eliades T, Sculean A, Katsaros C. Indication and timing of soft tissue augmentation at maxillary and mandibular incisors in orthodontic patients. A systematic review. Eur J Orthod 2014; 36(4):442-9.	Included
1067	Knudsen TB, Laulund AS, Ingerslev J, Homoe P, Pinholt EM. Improved apnea-hypopnea index and lowest oxygen saturation after maxillomandibular advancement with or without counterclockwise rotation in patients with obstructive sleep apnea: a meta-analysis. J Oral Maxillofac Surg. 2015;73(4):719-26.	Included
1068	Koretsi V, Chatzigianni A, Sidiropoulou S. Enamel roughness and incidence of caries after interproximal enamel reduction: a systematic review. Orthodontics & craniofacial research. 2014;17(1):1-13.	Included
1069	Koretsi V, Zymperdikas VF, Papageorgiou SN, Papadopoulos MA. Treatment effects of removable functional appliances in patients with Class II malocclusion: a systematic review and meta-analysis. Eur J Orthod 2015;37(4):418-34.	Included
1070	Kragt L, Dhano B, Wolvius EB, Ongkosuwo EM. The impact of malocclusions on oral health-related quality of life in children-a systematic review and meta-analysis. Clinical oral investigations. 2016;20(8):1881-94.	Included
1071	Lapenaitė E, Lopatienė K. Interproximal enamel reduction as a part of orthodontic treatment. Stomatologija / issued by public institution "Odontologijos studija" [et al]. 2014;16(1):19-24.	Included
1072	Lee Y, Liao Y. Hard palate-repair technique and facial growth in patients with cleft lip and palate: a systematic review. British Journal of Oral and Maxillofacial Surgery. 2013; 51(8):851-7.	Included
1074	Li FJ, Zhang JY, Zeng XT, Guo Y. Low-level laser therapy for orthodontic pain: a systematic review. Lasers in medical science. 2015;30(6):1789-803.	Included
1075	Li W, Xiao L, Hu J. The comparison of CPAP and oral appliances in treatment of patients with OSA: a systematic review and meta-analysis. Respiratory Care. 2013; 58(7):1184-95.	Included
1076	Li X, Deng M, Yuan X. [Stability of the anterior teeth and hard tissue of skeletal class III malocclusion after orthodontic surgery: systematic review]. Hua xi kou qiang yi xue za zhi = Huaxi kouqiang yixue zazhi = West China journal of stomatology. 2015;33(3):267-71.	Included
1078	Livas C, Delll K. Does Orthodontic Extraction Treatment Improve the Angular Position of Third Molars? A Systematic Review. J Oral Maxillofac Surg. 2016.	Included
1079	Lombardo L, Setti S, Molinari C, Siciliani G. Intra-arch widths: a meta-analysis. International orthodontics. 2013;11(2):177-92.	Included
1080	Long H, Pyakurel U, Wang Y, Liao L, Zhou Y, Lai W. Interventions for accelerating orthodontic tooth movement: a systematic review. Angle Orthodontist. 2013; 83(1):164-71.	Included
1081	Long H, Zhou Y, Pyakurel U, Liao L, Jian F, Xue J, et al. Comparison of adverse effects between lingual and labial orthodontic treatment. The Angle orthodontist. 2013;83(6):1066-73.	Included
1082	Long H, Zhou Y, Xue J, Liao L, Ye N, Jian F, et al. The effectiveness of low-level laser therapy in accelerating orthodontic tooth movement: a meta-analysis. Lasers in medical science. 2015;30(3):1161-70.	Included
1083	Machado E, Machado P, Grehs RA, Cunali PA. Orthodontics as a therapeutic option for temporomandibular disorders: A systematic review. Dental Press J Orthod 2012;17(3):98-102.	Included
1084	Machado-Junior AJ, Zancanella E, Crespo AN. Rapid maxillary expansion and obstructive sleep apnea: A review and meta-analysis. Medicina oral, patologia oral y cirugía bucal. 2016;21(4):e465-9.	Included
1085	Mai W, He J, Meng H, Jiang Y, Huang C, Li M, et al. Comparison of vacuum-formed and Hawley retainers: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):720-7.	Included
1086	Major MP, Wong JK, Saltaji H, Major PW, Flores-Mir C. Skeletal anchored maxillary protraction for midface deficiency in children and early adolescents with Class III malocclusion: A systematic review and meta-analysis. Journal of the World Federation of Orthodontists. 2012;1(2):e47-e54.	Included
1087	Marquezan M, Mattos CT, Sant'Anna EF, de Souza MM, Maia LC. Does cortical thickness influence the primary stability of miniscrews?: A systematic review and meta-analysis. The Angle orthodontist. 2014;84(6):1093-103.	Included
1089	Martin-Camean A, Jos A, Camean AM, Solano E, Iglesias-Linares A. Genotoxic and cytotoxic effects and gene expression changes induced by fixed orthodontic appliances in oral mucosa cells of patients: a systematic review. Toxicology mechanisms and methods. 2015;25(6):440-7.	Included
1090	Mattos CT. Análise tomográfica das vias aéreas e sua aplicação em pacientes ortognáticos. 2012:94-.	Included
1091	Meursing Reynlders R, Ronchi L, Ladu L, Van Etten-Jamaludin F, Bipat S. Insertion torque and orthodontic mini-implants: a systematic review of the artificial bone literature. Proceedings of the Institution of Mechanical Engineers Part H, Journal of engineering in medicine. 2013;227(11):1181-202.	Included
1092	Meursing RR, Ronchi L, Ladu L, Etten-Jamaludin F, Bipat S. Insertion torque and success of orthodontic mini-implants: a systematic review. Am J Orthod Dentofacial Orthop 2012; 142(5):596-614.e5.	Included
1093	Mickenausch S, Yengopal V, Banerjee A. Retention of orthodontic brackets bonded with resin-modified GIC versus composite resin adhesives--a quantitative systematic review of clinical trials. Clinical oral investigations. 2012;16(1):1-14.	Included
1094	Migliorati M, Isaia L, Cassaro A, Rivetti A, Silvestrini-Biavati F, Gastaldo L, et al. Efficacy of professional hygiene and prophylaxis on preventing plaque increase in orthodontic patients with multibracket appliances: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):[epub p.].	Included
1095	Millett D, Cunningham S, O'Brien K, Benson P, Oliveira C. Treatment and stability of class II division 2 malocclusion in children and adolescents: a systematic review. Am J Orthod Dentofacial Orthop 2012; 142(2):159-69.	Included
1098	Morales-Fernandez M, Iglesias-Linares A, Yanez-Vico R, Mendoza-Mendoza A, Solano-Reina E. Bone- and dentoalveolar-anchored dentofacial orthopedics for class III malocclusion: new approaches, similar objectives? A systematic review. Angle Orthodontist. 2013; 83(3):[540-52 pp.].	Included
1099	Nascimento L, Souza M, Azevedo A, Maia L. Are self-ligating brackets related to less formation of Streptococcus mutans colonies? A systematic review.	Included

	Database of Abstracts of Reviews of Effects. 2014; (2):60-8.	
1100	Nascimento PL, Fernandes MT, Figueiredo FE, Faria ESAL. Fluoride-Releasing Materials to Prevent White Spot Lesions around Orthodontic Brackets: A Systematic Review. Brazilian dental journal. 2016;27(1):101-7.	Included
1101	Nazarali N, Altalibi M, Nazarali S, Major MP, Flores-Mir C, Major PW. Mandibular advancement appliances for the treatment of paediatric obstructive sleep apnea: a systematic review. Eur J Orthod 2015;37(6):618-26.	Included
1102	Nucera R, Lo Giudice A, Rustico L, Matarese G, Papadopoulos MA, Cordasco G. Effectiveness of orthodontic treatment with functional appliances on maxillary growth in the short term: A systematic review and meta-analysis. Am J Orthod Dentofacial Orthop 2016;149(5):600-11.e3.	Included
1103	Okada EM, Ribeiro LN, Stuari MB, Borsatto MC, Fidalgo TK, Paula-Silva FW, et al. Effects of chlorhexidine varnish on caries during orthodontic treatment: a systematic review and meta-analysis. Brazilian oral research. 2016;30(1):e115.	Included
1104	Okuno K, Sato K, Arisaka T, Hosohama K, Gotoh M, Taga H, et al. The effect of oral appliances that advanced the mandible forward and limited mouth opening in patients with obstructive sleep apnea: a systematic review and meta-analysis of randomised controlled trials. Journal of oral rehabilitation. 2014;41(7):542-54.	Included
1105	Pacha MM, Fleming PS, Johal A. A comparison of the efficacy of fixed versus removable functional appliances in children with Class II malocclusion: A systematic review. Eur J Orthod 2016;38(6):621-30.	Included
1106	Pacheco-Pereira C, Luca CG, Major P, Flores-Mir C. Variation of orthodontic treatment decision-making based on dental model type: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):epub.	Included
1107	Pandis N, Fleming PS, Spinelli LM, Salanti G. Initial orthodontic alignment effectiveness with self-ligating and conventional appliances: a network meta-analysis in practice. Am J Orthod Dentofacial Orthop 2014;145(4 Suppl):S152-63.	Included
1108	Papadopoulos MA, Koumpridou EN, Vakalis ML, Papageorgiou SN. Effectiveness of pre-surgical infant orthopedic treatment for cleft lip and palate patients: a systematic review and meta-analysis. Orthodontics & craniofacial research. 2012;15(4):207-36.	Included
1109	Papageorgiou SN, Golz L, Jager A, Eliades T, Bourauel C. Lingual vs. labial fixed orthodontic appliances: systematic review and meta-analysis of treatment effects. European journal of oral sciences. 2016;124(2):105-18.	Included
1110	Papageorgiou SN, Konstantinidis I, Papadopoulou K, Jager A, Bourauel C. A systematic review and meta-analysis of experimental clinical evidence on initial aligning archwires and archwire sequences. Orthodontics & craniofacial research. 2014;17(4):197-215.	Included
1111	Papageorgiou SN, Konstantinidis I, Papadopoulou K, Jager A, Bourauel C. Clinical effects of pre-adjusted edgewise orthodontic brackets: a systematic review and meta-analysis. Eur J Orthod 2014;36(3):350-63.	Included
1112	Papageorgiou SN, Kutschera E, Memmert S, Golz L, Jager A, Bourauel C, et al. Effectiveness of early orthopaedic treatment with headgear: a systematic review and meta-analysis. Eur J Orthod 2016.	Included
1113	Papageorgiou SN, Zogakis IP, Papadopoulos MA. Failure rates and associated risk factors of orthodontic miniscrew implants: a meta-analysis. Am J Orthod Dentofacial Orthop 2012;142(5):577-95.e7.	Included
1114	Parrini S, Rossini G, Castrolforio T, Fortini A, Deregibus A, Debernardi C. Laypeople's perceptions of frontal smile esthetics: A systematic review. Am J Orthod Dentofacial Orthop 2016;150(5):740-50.	Included
1115	Peiro-Guijarro MA, Guijarro-Martinez R, Hernandez-Alfaro F. Surgery first in orthognathic surgery: A systematic review of the literature. Am J Orthod Dentofacial Orthop 2016;149(4):448-62.	Included
1116	Peres KG, Cascaes AM, Nascimento GG, Victora CG. Effect of breastfeeding on malocclusions: a systematic review and meta-analysis. Acta paediatrica (Oslo, Norway : 1992). 2015;104(467):54-61.	Included
1117	Perinetti G, Primozic J, Franchi L, Contardo L. Treatment Effects of Removable Functional Appliances in Pre-Pubertal and Pubertal Class II Patients: A Systematic Review and Meta-Analysis of Controlled Studies. PLoS one. 2015;10(10):e0141198.	Included
1118	Perinetti G, Primozic J, Furlani G, Franchi L, Contardo L. Treatment effects of fixed functional appliances alone or in combination with multibracket appliances: A systematic review and meta-analysis. The Angle orthodontist. 2015;85(3):480-92.	Included
1119	Perinetti G, Primozic J, Manfredini D, Lenarda R, Contardo L. The diagnostic potential of static body-sway recording in orthodontics: a systematic review. Database of Abstracts of Reviews of Effects. 2013; (2):696-705.	Included
1120	Perinetti G, Westphalen GH, Biasotto M, Salgarello S, Contardo L. The diagnostic performance of dental maturity for identification of the circumpubertal growth phases: a meta-analysis. Prog Orthod 2013;14:8.	Included
1121	Petti S. Over two hundred million injuries to anterior teeth attributable to large overjet: a meta-analysis. Dental Traumatology. 2015;31(1):1-8.	Included
1122	Pisani L, Bonaccorso L, Fastuca R, Spena R, Lombardo L, Caprioglio A. Systematic review for orthodontic and orthopedic treatments for anterior open bite in the mixed dentition. Prog Orthod 2016;17(1):28.	Included
1123	Poorsattar-Bejeh Mir K, Poorsattar-Bejeh Mir A, Poorsattar-Bejeh Mir M, Moradi-Lakeh M, Balme P, Nosrati K. Rapid Palatal Expansion to Treat Nocturnal Enuretic Children: A Systematic Review and Meta-Analysis. Journal of dentistry (Shiraz, Iran). 2015;16(3):138-48.	Included
1124	Ramar K, Dort LC, Katz SG, Lettieri CJ, Harrod CG, Thomas SM, et al. Clinical Practice Guideline for the Treatment of Obstructive Sleep Apnea and Snoring with Oral Appliance Therapy: An Update for 2015. Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine. 2015;11(7):773-827.	Included
1125	Raza H, Saltaji H, Kaur H, Flores-Mir C, El-Bialy T. Effect of Low-Intensity Pulsed Ultrasound on Distraction Osteogenesis Treatment Time: A Meta-analysis of Randomized Clinical Trials. Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine. 2016;35(2):349-58.	Included
1126	Ren C, McGrath C, Yang Y. The effectiveness of low-level diode laser therapy on orthodontic pain management: a systematic review and meta-analysis. Lasers in medical science. 2015;30(7):1881-93.	Included
1127	Rischen RJ, Breuning KH, Bronkhorst EM, Kuijpers-Jagtman AM. Records needed for orthodontic diagnosis and treatment planning: a systematic review. PLoS one. 2013;8(11):e74186.	Included
1128	Rodriguez JC, Suarez F, Chan HL, Padial-Molina M, Wang HL. Implants for orthodontic anchorage: success rates and reasons of failures. Implant dentistry. 2014;23(2):155-61.	Included
1129	Rosario HD, Oliveira GM, Freires IA, de Souza Matos F, Paranhos LR. Efficiency of bimaxillary advancement surgery in increasing the volume of the upper airways: a systematic review of observational studies and meta-analysis. Eur Arch Otorhinolaryngol 2016.	Included
1130	Roscoe MG, Meira JB, Cattaneo PM. Association of orthodontic force system and root resorption: A systematic review. Am J Orthod Dentofacial Orthop 2015;147(5):610-26.	Included
1131	Rossini G, Parrini S, Castrolforio T, Deregibus A, Debernardi C. Efficacy of clear aligners in controlling orthodontic tooth movement: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):epub.	Included
1132	Rossini G, Parrini S, Castrolforio T, Deregibus A, Debernardi C. Periodontal health during clear aligners treatment: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):epub.	Included
1133	Saltaji H, Major M, Alfakir H, Al-Saleh M, Flores-Mir C. Maxillary advancement with conventional orthognathic surgery in patients with cleft lip and palate: is it a stable technique? Journal of Oral and Maxillofacial Surgery. 2012; 70(12):2859-66.	Included
1134	Saltaji H, Major M, Altalibi M, Youssef M, Flores-Mir C. Long-term skeletal stability after maxillary advancement with distraction osteogenesis in cleft lip and palate patients: a systematic review. Angle Orthodontist. 2012; 82(6):1115-22.	Included
1135	Samsyanova L, Broukal Z. A systematic review of individual motivational factors in orthodontic treatment: Facial attractiveness as the main motivational factor in orthodontic treatment. International Journal of Dentistry. 2014;2014.	Included
1136	San Miguel Moragas J, Oth O, Büttner M, Mommaerts MY. A systematic review on soft-to-hard tissue ratios in orthognathic surgery part II: Chin procedures. Journal of Cranio-Maxillofacial Surgery. 2015;43(8):1530-40.	Included
1137	San MMJ, Cauteren W, Mommaerts M. A systematic review on soft-to-hard tissue ratios in orthognathic surgery part I: maxillary repositioning osteotomy. Database of Abstracts of Reviews of Effects. 2014; (2):1341-51.	Included
1138	Sandhu SS, Cheema MS, Khehra HS. Comparative effectiveness of pharmacologic and nonpharmacologic interventions for orthodontic pain relief at peak pain intensity: A Bayesian network meta-analysis. Am J Orthod Dentofacial Orthop 2016;150(1):13-32.	Included
1139	Shi Q, Yang S, Jia F, Xu J. Does low level laser therapy relieve the pain caused by the placement of the orthodontic separators?--A meta-analysis. Head & face medicine. 2015;11:28.	Included
1140	Sitzman TJ, Coyne SM, Britto MT. The Burden of Care for Children With Unilateral Cleft Lip: A Systematic Review of Revision Surgery. Cleft Palate Craniofac J 2016;53(4):84-94.	Included
1141	Sousa MVS, Pinzan A, Consolaro A, Henriques JFC, De Freitas MR. Systematic literature review: Influence of low-level laser on orthodontic movement and pain control in humans. Photomedicine and Laser Surgery. 2014;32(11):592-9.	Included
1142	Sundararaj D, Venkatachalapathy S, Tandon A, Pereira A. Critical evaluation of incidence and prevalence of white spot lesions during fixed orthodontic appliance treatment: A meta-analysis. Journal of International Society of Preventive & Community Dentistry. 2015;5(6):433-9.	Included
1143	Sunnak R, Johal A, Fleming PS. Is orthodontics prior to 11 years of age evidence-based? A systematic review and meta-analysis. Journal of dentistry. 2015;43(5):477-86.	Included
1144	Tannure PN, Oliveira CA, Maia LC, Vieira AR, Granjeiro JM, Costa Mde C. Prevalence of dental anomalies in nonsyndromic individuals with cleft lip and	Included

	palate: a systematic review and meta-analysis. Cleft Palate Craniofac J 2012;49(2):194-200.	
1145	Te Veldhuis EC, Te Veldhuis AH, Koudstaal MJ. Treatment management of children with juvenile idiopathic arthritis with temporomandibular joint involvement: A systematic review. Oral surgery, oral medicine, oral pathology and oral radiology. 2014;117(5):581-9.e2.	Included
1146	Tee BC, Sun Z. Mandibular distraction osteogenesis assisted by cell-based tissue engineering: a systematic review. Orthodontics & craniofacial research. 2015;18 Suppl 1:39-49.	Included
1148	Tieu L, Saltaji H, Normando D, Flores-Mir C. Radiologically determined orthodontically induced external apical root resorption in incisors after non-surgical orthodontic treatment of class II division 1 malocclusion: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):48.	Included
1149	Tsichlaki A, Chin SY, Pandis N, Fleming PS. How long does treatment with fixed orthodontic appliances last? A systematic review. Am J Orthod Dentofacial Orthop 2016;149(3):308-18.	Included
1150	Tsichlaki A, O'Brien K. Do orthodontic research outcomes reflect patient values? A systematic review of randomized controlled trials involving children. Database of Abstracts of Reviews of Effects. 2014; (2):279-85.	Included
1151	Tsui W, Chua H, Cheung L. Bone anchor systems for orthodontic application: a systematic review. International journal of oral and maxillofacial surgery. 2012; 41(11):1427-38.	Included
1152	Vaid NR, Doshi VM, Vandekar MJ. Class II treatment with functional appliances: A meta-analysis of short-term treatment effects. Seminars in orthodontics. 2014;20(4):324-38.	Included
1153	van der Heijden P, Dijkstra PU, Stellingsma C, van der Laan BF, Korsten-Meijer AG, Goorhuis-Brouwer SM. Limited evidence for the effect of presurgical nasoalveolar molding in unilateral cleft on nasal symmetry: a call for unified research. Plastic and reconstructive surgery. 2013;131(1):62e-71e.	Included
1154	Verweij JP, Houppermans PN, Gooris P, Mensink G, van Merkesteyn JP. Risk factors for common complications associated with bilateral sagittal split osteotomy: A literature review and meta-analysis. J Craniomaxillofac Surg 2016;44(9):1170-80.	Included
1155	Vilani GN, Mattos CT, de Oliveira Ruellas AC, Maia LC. Long-term dental and skeletal changes in patients submitted to surgically assisted rapid maxillary expansion: a meta-analysis. Oral surgery, oral medicine, oral pathology and oral radiology. 2012;114(6):689-97.	Included
1156	Viwattanatipa N, Puntien T, Nanthavanich N. Systematic review and meta-analysis: Mandibular plane change after orthognathic surgery and distraction osteogenesis in cleft lip and palate patients. Orthodontic Waves. 2015;74(2):27-36.	Included
1157	Viwattanatipa N, Puntien T, Thakkinstian A. Systematic review and meta-analysis of maxillary change among 3 surgical techniques in cleft patients. Orthodontic Waves. 2013;72(2):63-76.	Included
1158	von Bremen J, Ruf S. Juvenile idiopathic arthritis-and now?: a systematic literature review of changes in craniofacial morphology. J Orofac Orthop 2012;73(4):265-76.	Included
1160	Yamaguchi K, Lonic D, Lo LJ. Complications following orthognathic surgery for patients with cleft lip/palate: A systematic review. Journal of the Formosan Medical Association. 2016;115(4):269-77.	Included
1161	Yang X, Li C, Bai D, Su N, Chen T, Xu Y, et al. Treatment effectiveness of Frankel function regulator on the Class III malocclusion: a systematic review and meta-analysis. Am J Orthod Dentofacial Orthop 2014;146(2):143-54.	Included
1162	Yang X, Su N, Shi Z, Xiang Z, He Y, Han X, et al. Effects of self-ligating brackets on oral hygiene and discomfort: a systematic review and meta-analysis of randomized controlled clinical trials. International journal of dental hygiene. 2016.	Included
1163	Yang X, Zhu Y, Long H, Zhou Y, Jian F, Ye N, et al. The effectiveness of the Herbst appliance for patients with Class II malocclusion: a meta-analysis. Eur J Orthod 2016;38(3):324-33.	Included
1164	Yepes E, Quintero P, Rueda ZV, Pedroza A. Optimal force for maxillary protraction facemask therapy in the early treatment of class III malocclusion. Eur J Orthod 2014;36(5):586-94.	Included
1165	Yi J, Ge M, Li M, Li C, Li Y, Li X, et al. Comparison of the success rate between self-drilling and self-tapping miniscrews: a systematic review and meta-analysis. Eur J Orthod 2016.	Included
1166	Yi J, Li M, Li Y, Li X, Zhao Z. Root resorption during orthodontic treatment with self-ligating or conventional brackets: a systematic review and meta-analysis. BMC oral health. 2016;16(1):125.	Included
1168	Zawawi KH, Melis M. The role of mandibular third molars on lower anterior teeth crowding and relapse after orthodontic treatment: A systematic review. Scientific World Journal. 2014;2014.	Included
1169	Zhang W, Qu HC, Yu M, Zhang Y. The Effects of Maxillary Protraction with or without Rapid Maxillary Expansion and Age Factors in Treating Class III Malocclusion: A Meta-Analysis. PloS one. 2015;10(6):e0130096.	Included
1170	Zhou Q, Ul Haq AA, Tian L, Chen X, Huang K, Zhou Y. Canine retraction and anchorage loss self-ligating versus conventional brackets: a systematic review and meta-analysis. BMC oral health. 2015;15(1):136.	Included
1171	Zhou Y, Long H, Ye N, Xue J, Yang X, Liao L, et al. The effectiveness of non-surgical maxillary expansion: a meta-analysis. Eur J Orthod 2014;36(2):233-42.	Included
1172	Zhou Y, Wang Y, Wang X, Voliere G, Hu R. The impact of orthodontic treatment on the quality of life a systematic review. BMC oral health. 2014;14:66.	Included
1173	Zhu Y, Li J, Tang Y, Wang X, Xue X, Sun H, et al. Dental arch dimensional changes after adenoidectomy or tonsillectomy in children with airway obstruction: A meta-analysis and systematic review under PRISMA guidelines. Medicine. 2016;95(39):e4976.	Included
1174	Zhu Y, Long H, Jian F, Lin J, Zhu J, Gao M, et al. The effectiveness of oral appliances for obstructive sleep apnea syndrome: A meta-analysis. Journal of dentistry. 2015;43(12):1394-402.	Included
1175	Zurfluh M, Kloukos D, Patcas R, Eliades T. Effect of chin-cup treatment on the temporomandibular joint: a systematic review. Database of Abstracts of Reviews of Effects. 2014; (2):epub.	Included
1176	Zymperdikas VF, Koretsi V, Papageorgiou SN, Papadopoulos MA. Treatment effects of fixed functional appliances in patients with Class II malocclusion: a systematic review and meta-analysis. Eur J Orthod 2016;38(2):113-26.	Included

\* protocols of systematic reviews have been classified as “not a systematic review”.

Appendix E. Univariable regression models with %AMSTAR as dependent variable to choose covariables for the multivariable model of Table 3.

<b>Covariate</b>	<b>P</b>	<b>Entered in multivariable model</b>
Publication year	0.02	Yes
Continent	0.99	No
Affiliation	0.42	No
Number of authors (categorized)	0.09	Yes
Inclusion of statistician	0.02	Yes
Multicenter	0.03	Yes
Funding	0.70	No
Journal category	0.03	Yes
Design of included studies	0.78	No
Number of included studies (categorized)	0.04	Yes
Adherence to PRISMA	<0.001	Yes
Use of GRADE	<0.001	Yes
Inclusion of flowdiagram	<0.001	Yes
Conduct of meta-analysis	<0.001	Yes
Statistical significance of results	0.002	Yes

Appendix F. Univariable logistic regression with partial/complete fulfillment of each AMSTAR item as dependent variable and registration in PROSPERO as independent variable.

<b>Factor</b>	<b>Category</b>	<b>OR (95% CI)</b>	<b>P</b>
Item 1	Not registered	Referent	
	Registered	91.32 (12.12,688.10)	<0.001
Item 2	Not registered	Referent	
	Registered	2.32 (0.51,10.54)	0.27
Item 3	Not registered	Referent	
	Registered	NC*	
Item 4	Not registered	Referent	
	Registered	1.96 (0.86,4.45)	0.11
Item 5	Not registered	Referent	
	Registered	NC*	
Item 6	Not registered	Referent	
	Registered	NC*	
Item 7	Not registered	Referent	
	Registered	NC*	
Item 8	Not registered	Referent	
	Registered	NC*	
Item 9	Not registered	Referent	
	Registered	1.72 (0.56,5.29)	0.35
Item 10	Not registered	Referent	
	Registered	2.62 (1.23,5.55)	0.01
Item 11	Not registered	Referent	
	Registered	0.94 (0.44,2.01)	0.88

CI, confidence interval; NC\*, not calculable, as registration perfectly predicts item fulfillment; OR, odds ratio.

Appendix G. Selection of confounders to be entered in the multivariable model. Separate univariable logistic regressions with partial/complete fulfillment of each AMSTAR item as dependent variable and each independent variable are run and variables with  $P < 0.20$  are entered in the multivariable model.

Variable	P value from univariable model to item fulfillment					
	Item 1	Item 2	Item 4	Item 9	Item 10	Item 11
Publication year	0.01	0.38	0.17	0.03	0.003	0.31
Continent	0.02	0.12	0.98	0.07	0.23	0.13
Affiliation	0.96	0.81	0.86	NC	0.36	0.21
Number of authors (categorized)	0.21	0.23	0.30	0.30	0.21	0.10
Inclusion of statistician	0.09	0.84	0.07	0.23	0.04	0.70
Multicenter	0.11	0.22	0.74	0.66	0.91	0.17
Funding	0.06	0.32	0.90	0.48	0.28	0.03
Journal category	0.08	0.83	0.02	0.05	0.38	0.004
Design of included studies	0.77	0.74	0.33	0.41	1.00	0.73
Number of included studies (categorized)	0.64	0.03	0.09	0.15	0.98	0.33
Adherence to PRISMA	<0.001	0.03	0.02	0.17	0.05	0.77
Use of GRADE	<0.001	0.19	0.001	0.04	<0.001	0.45
Inclusion of flowdiagram	0.02	0.001	0.007	0.31	0.47	0.76
Conduct of meta-analysis	0.001	0.50	0.01	<0.001	<0.001	0.32
Statistical significance of results	0.09	0.66	0.28	0.01	0.009	0.80

GRADE, Grading of Recommendations Assessment, Development and Evaluation; NC, not calculable; PRISMA, Preferred Reporting Items for Systematic Review and Meta-Analysis.

Appendix H. Multivariable logistic regression with partial/complete fulfillment of each AMSTAR item as dependent variable and registration in PROSPERO & confounders from Appendix G as independent variables.

	Item 1		Item 2		Item 4		Item 9		Item 10		Item 11	
	OR (95% CI)	P	OR (95% CI)	P	OR (95% CI)	P	OR (95% CI)	P	OR (95% CI)	P	OR (95% CI)	P
<b>Entered factor</b>												
Not registered	Ref											
Registered	64.92 (8.00,527.03)	<0.001	1.04 (0.20,5.46)	0.97	0.80 (0.30,2.12)	0.66	0.45 (0.10,1.97)	0.29	1.23 (0.50,3.00)	0.65	1.11 (0.49,2.50)	0.80
<b>Confounders</b>												
Publication year	1.13 (0.82,1.57)	0.46	NT	-	1.05 (0.80,1.38)	0.70	1.18 (0.80,1.74)	0.39	1.13 (0.86,1.49)	0.38	NT	-
Continent	0.91 (0.64,1.31)	0.62	1.60 (1.02,2.49)	0.04	NT	-	1.31 (0.85,2.02)	0.22	NT	-	1.08 (0.84,1.40)	0.54
Number of authors (categorized)	NT	-	NT		NT	-	NT	-	NT	-	1.24 (0.72,2.12)	0.44
Inclusion of statistician	1.86 (0.59,5.86)	0.29	NT	-	2.04 (0.68,6.15)	0.21	NT	-	2.92 (1.03,8.22)	0.04	NT	-
Multicenter	1.15 (0.48,2.72)	0.76	NT	-	NT	-	NT	-	NT	-	1.80 (0.92,3.53)	0.09
Funding	0.37 (0.12,1.14)	0.08	NT	-	NT	-	NT	-	NT	-	2.14 (0.86,5.32)	0.10
Journal category	0.61 (0.33,1.14)	0.12	NT	-	0.59 (0.37,0.94)	0.03	0.52 (0.26,1.05)	0.07	NT	-	2.05 (1.24,3.37)	0.005
Number of included studies (categorized)	NT	-	0.99 (0.97,1.00)	0.06	0.99 (0.98,1.01)	0.22	1.00 (0.98,1.01)	0.55	NT	-	NT	-
Adherence to PRISMA	1.66 (0.66,4.19)	0.29	2.64 (0.80,8.68)	0.11	1.63 (0.79,3.40)	0.19	1.89 (0.68,5.21)	0.22	1.67 (0.79,3.54)	0.18	NT	-
Use of GRADE	4.08 (1.49,11.16)	0.006	4.84 (0.63,37.04)	0.13	5.50 (1.80,16.84)	0.003	6.43 (1.17,35.34)	0.03	4.20 (1.69,10.41)	0.002	NT	-
Inclusion of flowdiagram	2.28 (0.38,13.60)	0.37	4.22 (0.14,3.21)	0.04	2.90 (0.81,10.32)	0.10	NT	-	NT	-	NT	-
Conduct of meta- analysis	4.37 (1.54,12.36)	0.005	NT	-	2.11 (1.03,4.32)	0.04	7.21 (2.21,23.57)	0.001	7.10 (3.03,16.64)	<0.001	NT	-
Statistical significance of results	0.92 (0.35,2.44)	0.87	NT	-	NT	-	1.40 (0.52,3.76)	0.51	1.20 (0.52,2.77)	0.67	NT	-

CI, confidence interval; GRADE, Grading of Recommendations Assessment, Development and Evaluation; NT, not tested; OR, odds ratio; PRISMA, Preferred Reporting Items for Systematic Review and Meta-Analysis; PROSPERO, international prospective register of systematic reviews.

## **Registration in PROSPERO of systematic review protocols was associated with increased review quality**

### **What is new?**

#### **Key findings**

- Registration of systematic review protocols is associated with slightly increased review quality
- Registered systematic reviews were more likely to possess favorable methodological characteristics

### **What this study adds to what was known?**

- Registration of systematic review protocols has been suggested up to now as a means of avoiding duplication, enhancing the transparency of review procedures, and minimizing selective reporting.
- However, registration of the review protocol might be additionally associated with higher review quality and favorable methodological characteristics of the review.

### **What is the implication and what should change now?**

- Systematic review authors are advised to register the review protocols in PROSPERO a priori.